Quantitation Report (Qedit)

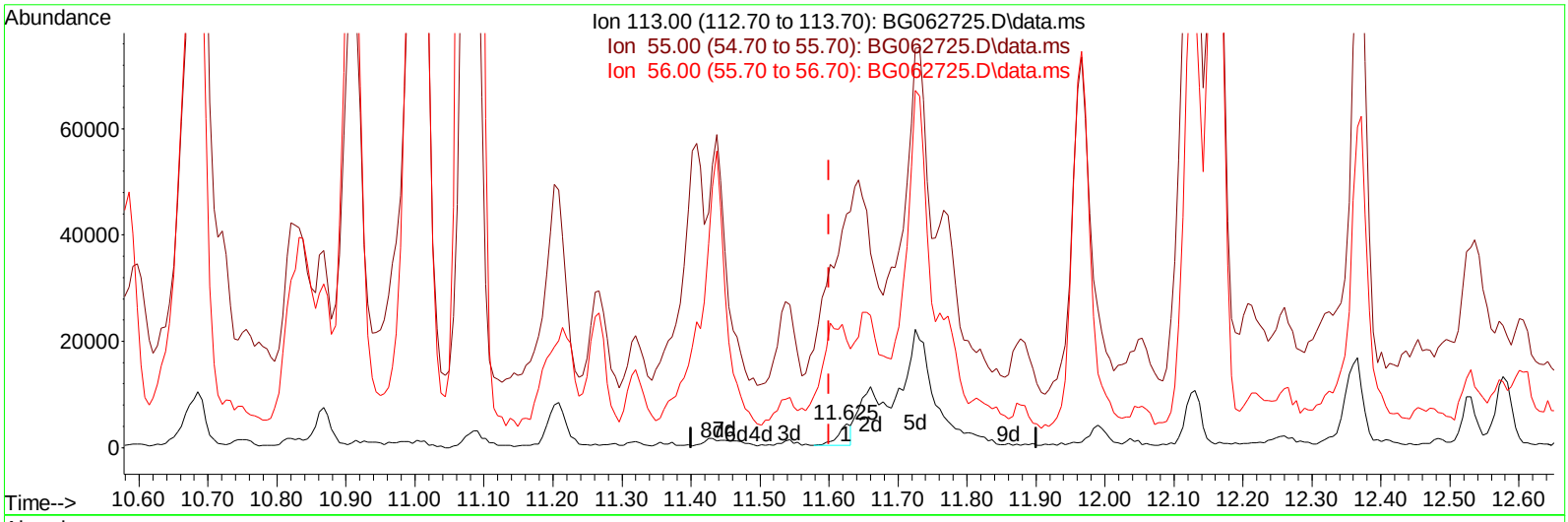
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091024\
Data File : BG062725.D
Acq On : 11 Sep 2024 7:45
Operator : JU/RC
Sample : P3877-08MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

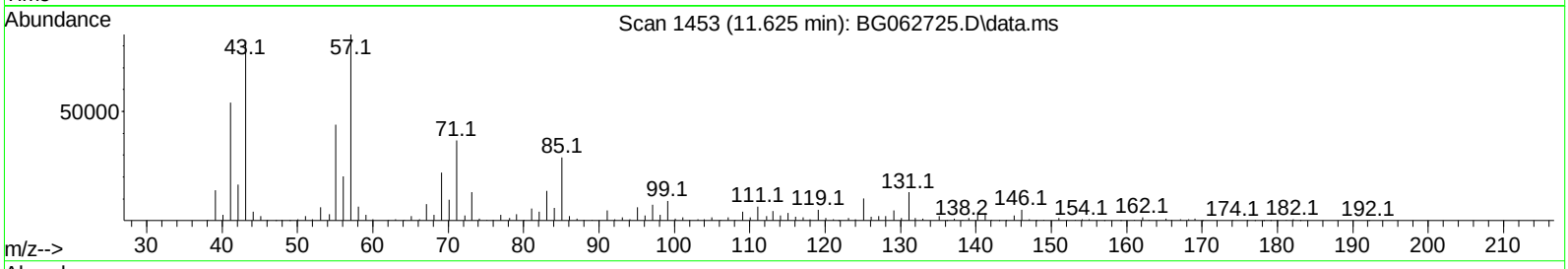
Quant Time: Sep 11 08:19:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

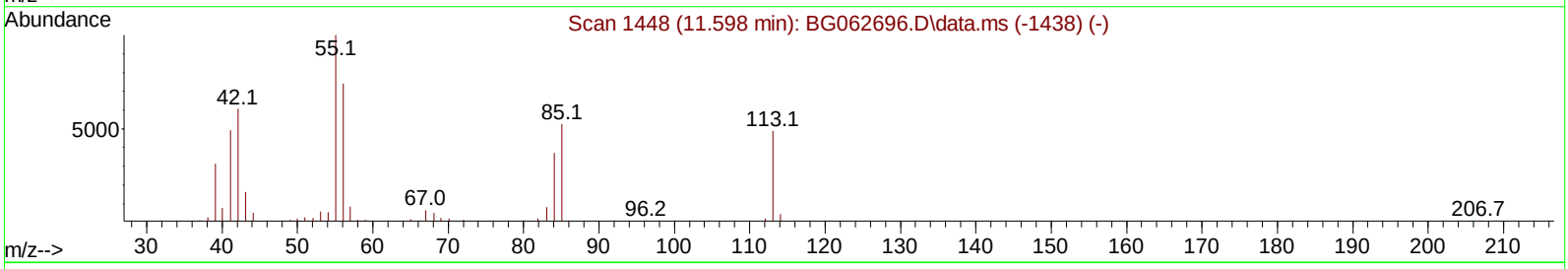
Instrument :
BNA_G
ClientSampleId :
DCVY2MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/12/2024
Supervised By :mohammad ahmed 09/13/2024







TIC: BG062725.D\data.ms

(34) Caprolactam

11.625min (+ 0.024) 2.69 ng/ul

response 5389

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	188.50	998.14#
56.00	156.30	459.97#
0.00	0.00	0.00

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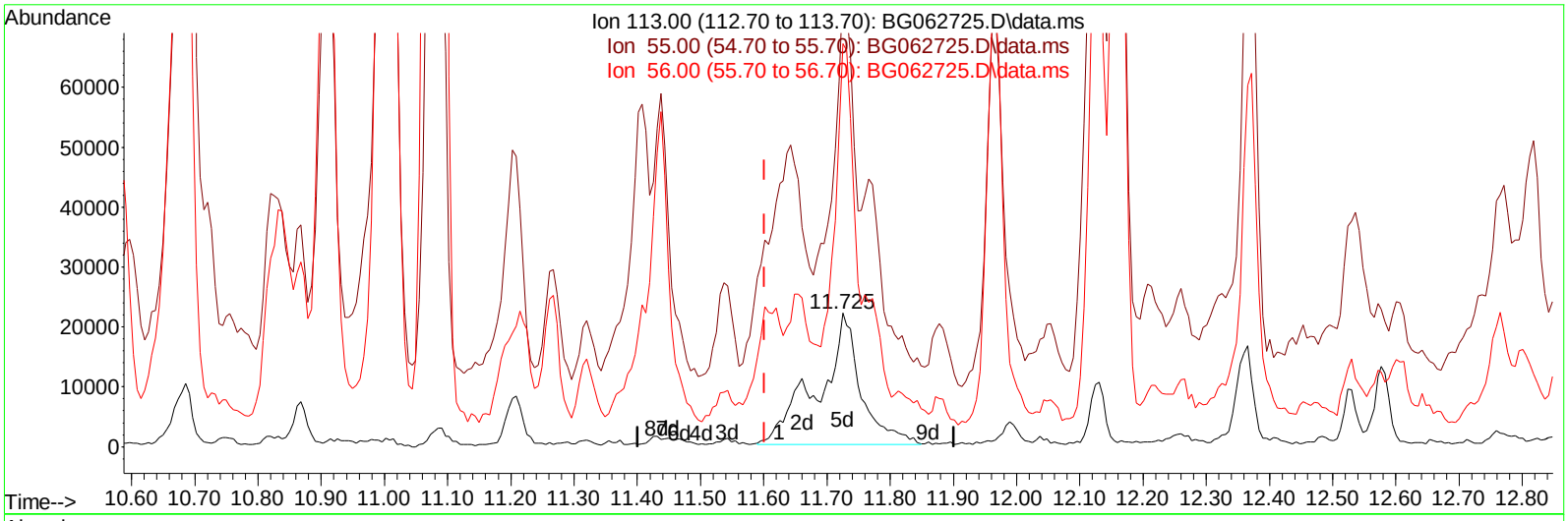

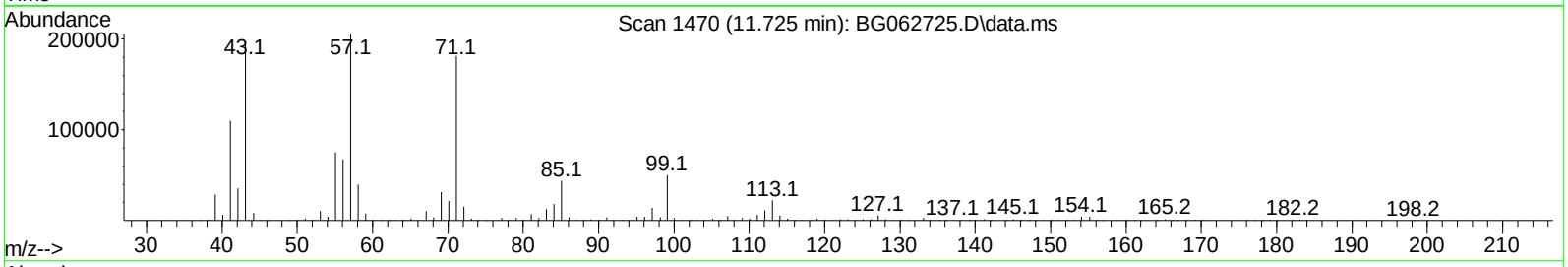

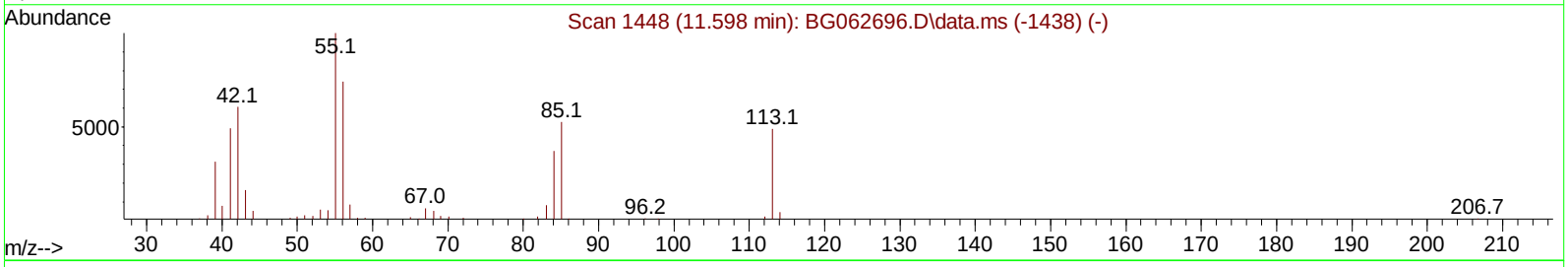

TIC: BG062725.D\data.ms

(34) Caprolactam

11.725min (+ 0.124) 51.34 ng/ul m

response 102976

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	188.50	337.34#
56.00	156.30	301.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 11 Sep 2024 7:45
Operator : JU/RC
Sample : P3877-08MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 11 08:20:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
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Instrument :
BNA_G
ClientSampleId :
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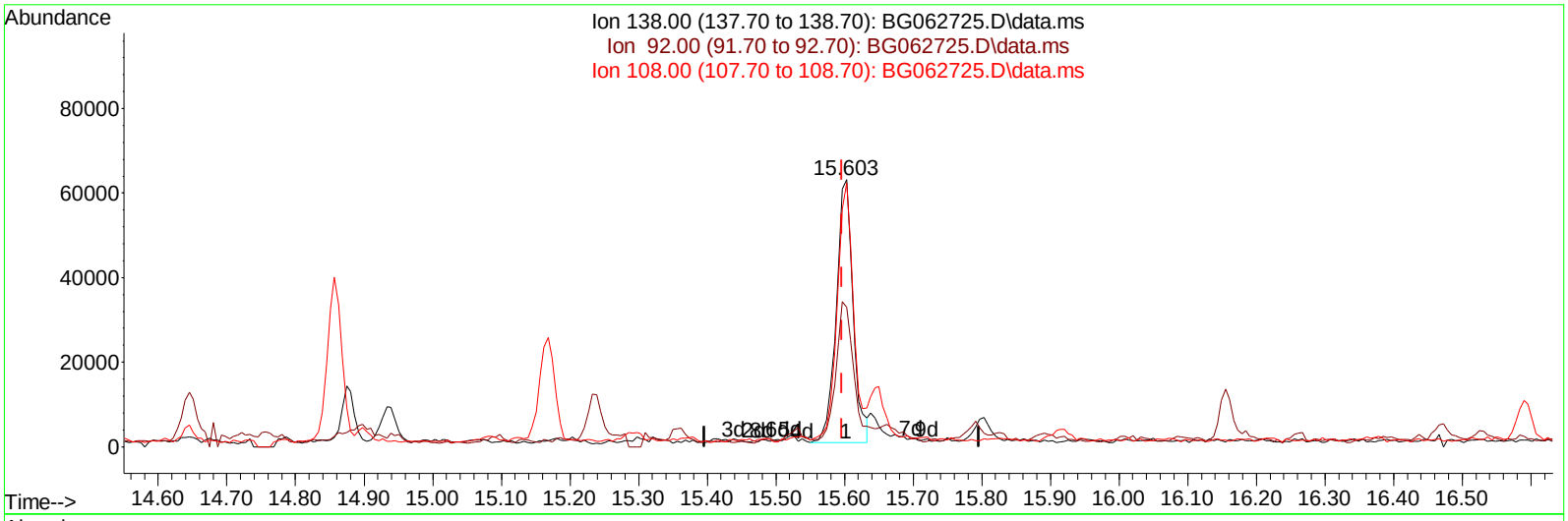

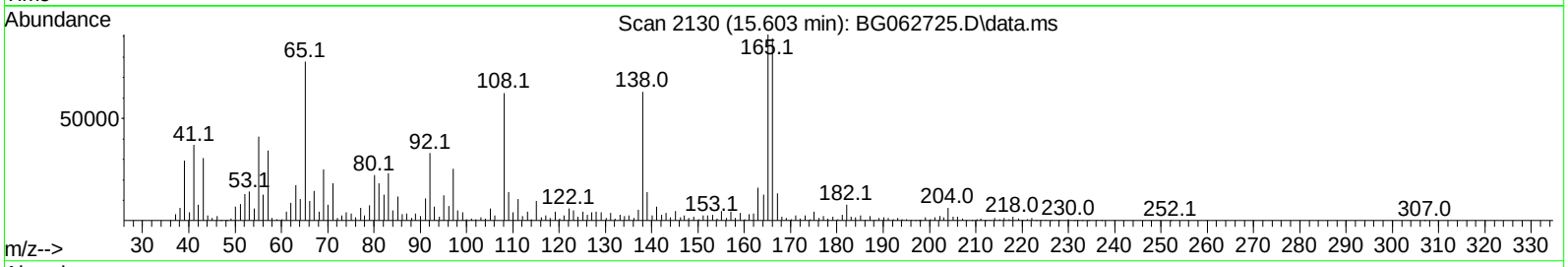

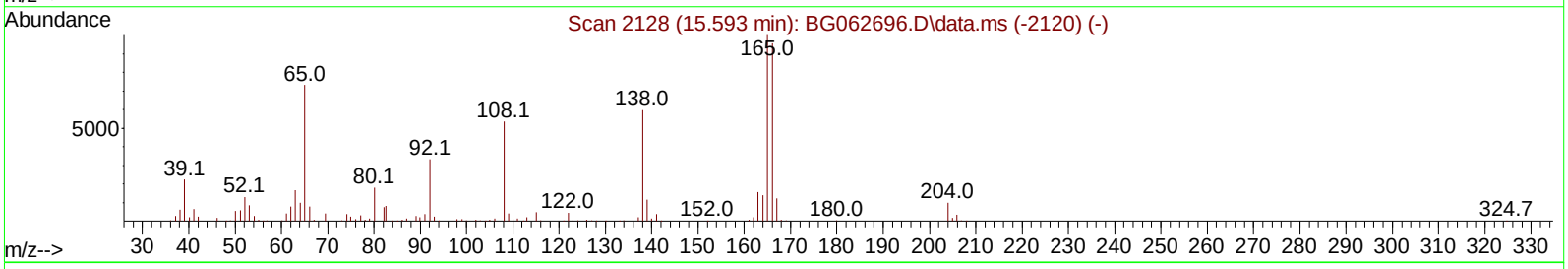

TIC: BG062725.D\data.ms

(63) 4-Nitroaniline

15.603min (+ 0.007) 27.44 ng/ul

response 105923

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	53.50	52.32
108.00	88.70	98.97
0.00	0.00	0.00

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Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 11 08:20:52 2024
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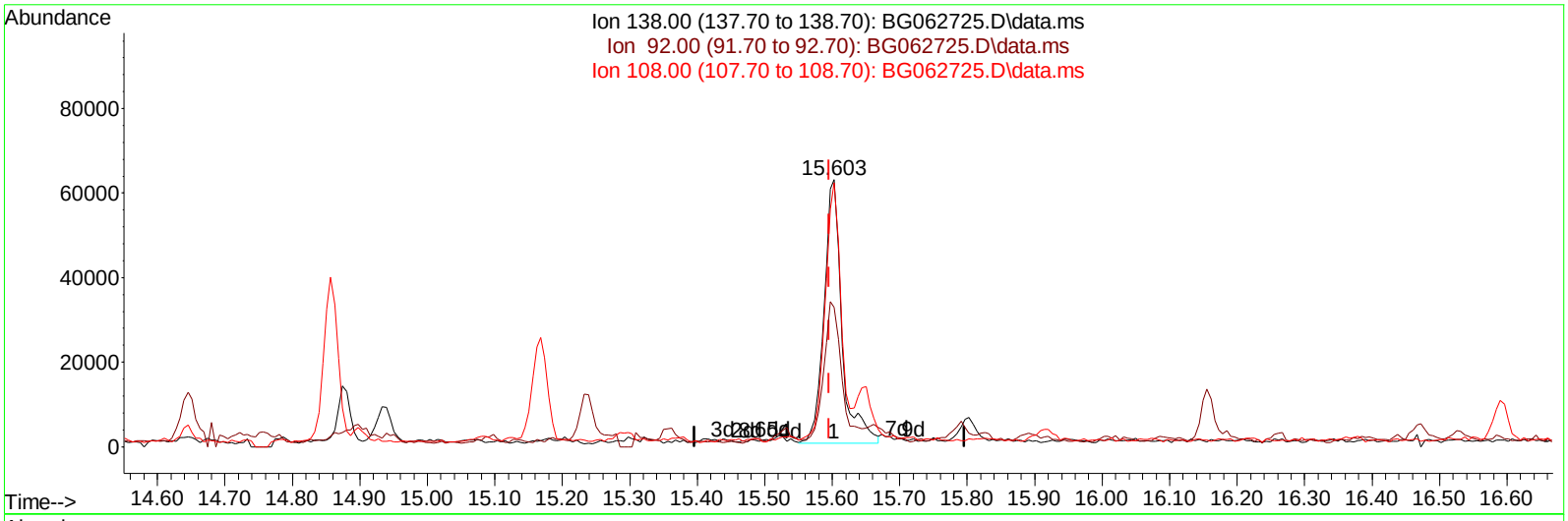

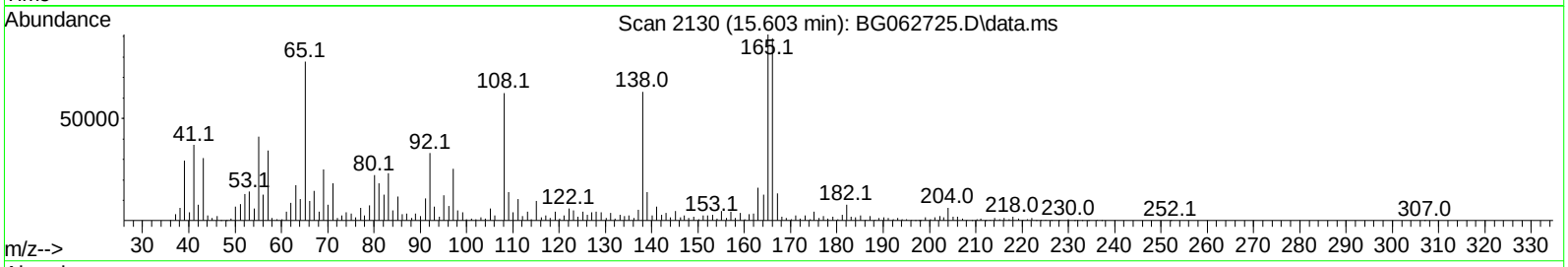

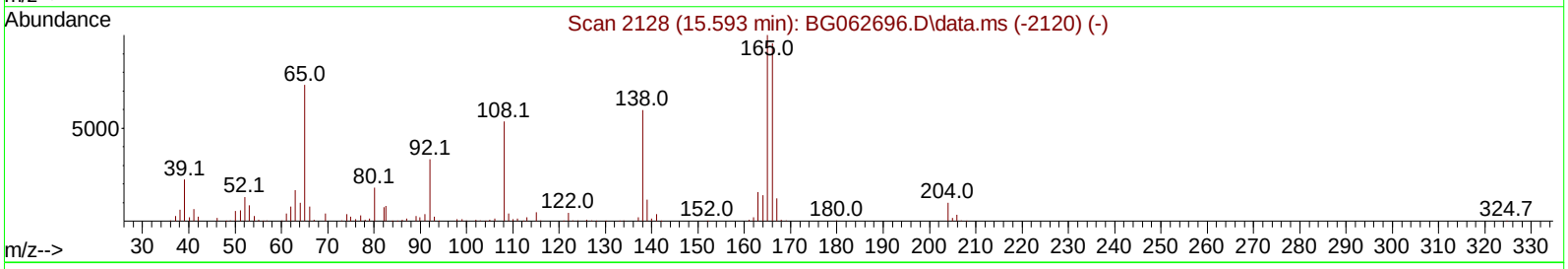

TIC: BG062725.D\data.ms

(63) 4-Nitroaniline

15.603min (+ 0.007) 29.74 ng/ul m

response 114799

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	53.50	52.32
108.00	88.70	98.97
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
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Quant Time: Sep 11 08:21:46 2024
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/12/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.906	152	76325	20.000	ng/ul	0.00
20) Naphthalene-d8	10.703	136	324616	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.534	164	256397	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.289	188	596720	20.000	ng/ul	0.01
79) Chrysene-d12	21.525	240	607954	20.000	ng/ul	0.00
88) Perylene-d12	24.587	264	680320	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	6035	3.574	ng/uL	0.00
4) Pyridine-d5	3.770	84	38450	7.154	ng/ul	0.00
7) Phenol-d5	7.078	99	151879	22.693	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.236	67	90122	22.460	ng/ul	0.00
11) 2-Chlorophenol-d4	7.442	132	116141	23.824	ng/ul	0.00
15) 4-Methylphenol-d8	8.617	113	127135	22.795	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	58428	25.184	ng/ul	0.00
24) 2-Nitrophenol-d4	9.780	143	68947	27.173	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.327	165	148749	26.919	ng/ul	0.00
31) 4-Chloroaniline-d4	10.832	131	175455	23.100	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	454694	23.029	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	536503	24.466	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	85586	25.517	ng/ul	0.00
60) Fluorene-d10	15.532	176	423849	23.822	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	94610	27.563	ng/ul	0.00
73) Anthracene-d10	17.383	188	692034	24.574	ng/ul	0.00
81) Pyrene-d10	19.669	212	832728	24.341	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.381	264	891014	24.803	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.400	88	20198	10.673	ng/uL#	92
5) Pyridine	3.793	79	156246	27.717	ng/ul	96
6) Benzaldehyde	7.048	77	159662	43.389	ng/ul#	57
8) Phenol	7.107	94	226413	32.543	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.324	93	154203	29.320	ng/ul	99
12) 2-Chlorophenol	7.471	128	167031	33.510	ng/ul	97
13) 2-Methylphenol	8.353	108	165862	31.792	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.423	45	286767	30.293	ng/ul	96
16) Acetophenone	8.717	105	603017	66.523	ng/ul#	60
17) N-Nitroso-di-n-propyla...	8.711	70	178111	37.534	ng/ul	94
18) 4-Methylphenol	8.676	108	181897	30.991	ng/ul	94
19) Hexachloroethane	8.987	117	112791	56.209	ng/ul	97
22) Nitrobenzene	9.105	77	213763	34.058	ng/ul#	94
23) Isophorone	9.628	82	498073	38.815	ng/ul#	95
25) 2-Nitrophenol	9.810	139	98238	35.128	ng/ul#	87
26) 2,4-Dimethylphenol	9.880	107	196776	32.929	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.109	93	227193	31.681	ng/ul	99
29) 2,4-Dichlorophenol	10.356	162	202232	37.158	ng/ul	98
30) Naphthalene	10.750	128	793856	45.610	ng/ul	99
32) 4-Chloroaniline	10.856	127	181224	23.990	ng/ul	97
33) Hexachlorobutadiene	11.038	225	168268	37.113	ng/ul	92
34) Caprolactam	11.725	113	102976m	51.337	ng/ul	
35) 4-Chloro-3-methylphenol	11.990	107	200637	33.794	ng/ul	94

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DCVY2MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/12/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.360	142	813577	63.334	ng/ul	96
37) 1-Methylnaphthalene	12.577	142	679734	51.658	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.730	216	310831	35.263	ng/ul#	98
40) Hexachlorocyclopentadiene	12.706	237	161414	35.789	ng/ul	95
41) 2,4,6-Trichlorophenol	12.971	196	198595	37.196	ng/ul	100
42) 2,4,5-Trichlorophenol	13.041	196	207257	36.155	ng/ul	96
43) 1,1'-Biphenyl	13.370	154	600776	33.321	ng/ul	99
44) 2-Chloronaphthalene	13.411	162	480424	32.768	ng/ul	98
45) 2-Nitroaniline	13.611	65	137505	34.179	ng/ul	98
47) Dimethylphthalate	13.987	163	615551	30.273	ng/ul	99
48) 2,6-Dinitrotoluene	14.105	165	120644	33.678	ng/ul	99
50) Acenaphthylene	14.257	152	733003	31.662	ng/ul	97
51) 3-Nitroaniline	14.434	138	98656	27.507	ng/ul#	94
52) Acenaphthene	14.598	153	541639	33.030	ng/ul	100
53) 2,4-Dinitrophenol	14.645	184	82406	34.837	ng/ul	96
55) 4-Nitrophenol	14.757	109	104617	34.699	ng/ul	95
56) Dibenzofuran	14.933	168	761349	31.253	ng/ul	95
57) 2,4-Dinitrotoluene	14.898	165	175694	31.369	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.168	232	903082	155.455	ng/ul#	99
59) Diethylphthalate	15.356	149	599107	29.867	ng/ul	100
61) Fluorene	15.585	166	625341	32.677	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.579	204	344255	30.667	ng/ul	93
63) 4-Nitroaniline	15.603	138	114799m	29.745	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.662	198	124699	35.047	ng/ul#	79
67) N-Nitrosodiphenylamine	15.791	169	567998	37.115	ng/ul	96
68) 4-Bromophenyl-phenylether	16.472	248	236182	34.396	ng/ul	99
69) Hexachlorobenzene	16.590	284	258539	32.977	ng/ul#	90
70) Atrazine	16.760	200	212801	31.221	ng/ul	100
71) Pentachlorophenol	16.978	266	5913008	1260.944	ng/ul#	84
72) Phenanthrene	17.330	178	1152727	37.147	ng/ul	97
74) Anthracene	17.418	178	997070	31.518	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.335	216	305612	37.503	ng/ul	99
76) Pentachlorobenzene	14.857	250	309702	34.296	ng/ul	97
77) Carbazole	17.683	167	832085	31.718	ng/ul	96
78) Di-n-butylphthalate	18.247	149	1009722	32.545	ng/ul	100
80) Fluoranthene	19.340	202	1203311	31.758	ng/ul	99
82) Pyrene	19.698	202	1278852	31.355	ng/ul	99
83) Butylbenzylphthalate	20.591	149	441552	36.468	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.426	252	360229	28.144	ng/ul	99
85) Benzo(a)anthracene	21.508	228	1357613	32.107	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.426	149	652952	36.625	ng/ul	99
87) Chrysene	21.572	228	1295929	32.306	ng/ul	99
89) Di-n-octyl phthalate	22.583	149	1096213	34.641	ng/ul	100
90) Benzo(b)fluoranthene	23.623	252	1336668	31.823	ng/ul	99
91) Benzo(k)fluoranthene	23.688	252	1359463	31.609	ng/ul	98
93) Benzo(a)pyrene	24.445	252	1259664	31.795	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.053	276	1661232	34.033	ng/ul	98
95) Dibenzo(a,h)anthracene	28.106	278	1339195	34.156	ng/ul	99
96) Benzo(g,h,i)perylene	29.122	276	1277307	33.881	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
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ClientSampleId :
DCVY2MS

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