Quantitation Report (Qedit)

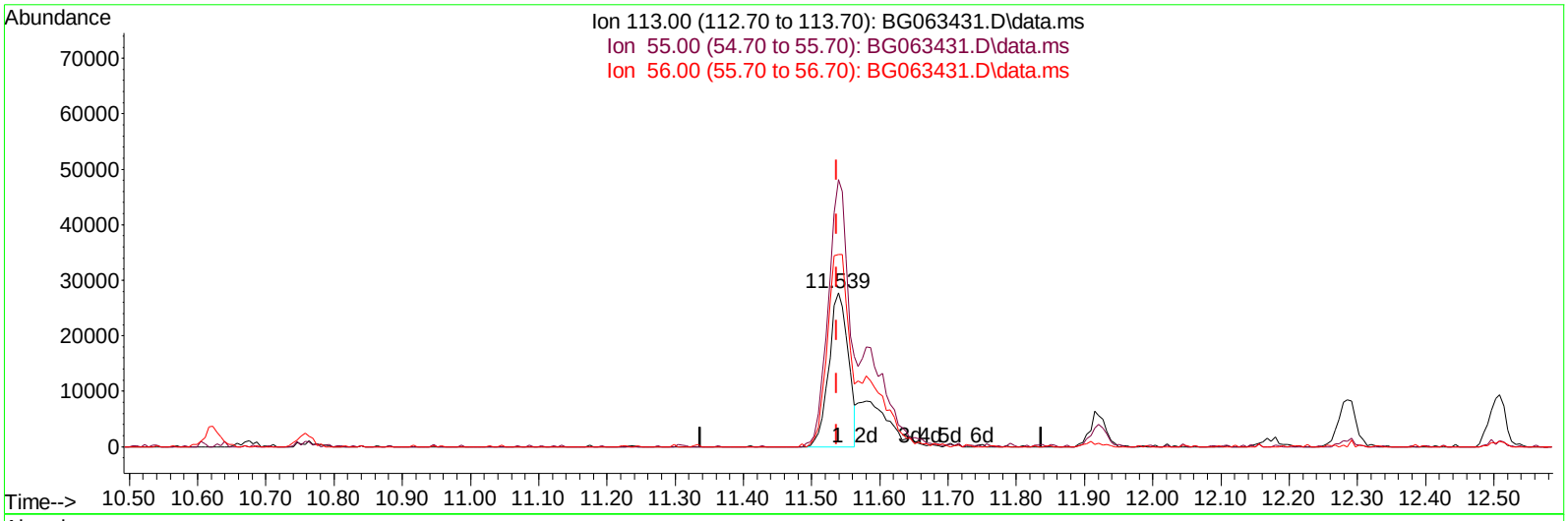
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063431.D
Acq On : 15 Nov 2024 18:16
Operator : RC/JU
Sample : PB164957BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

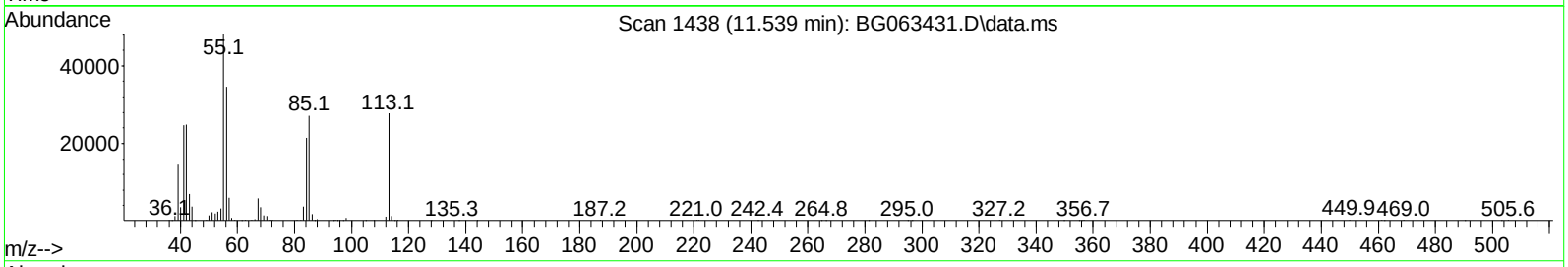
Quant Time: Nov 16 00:35:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

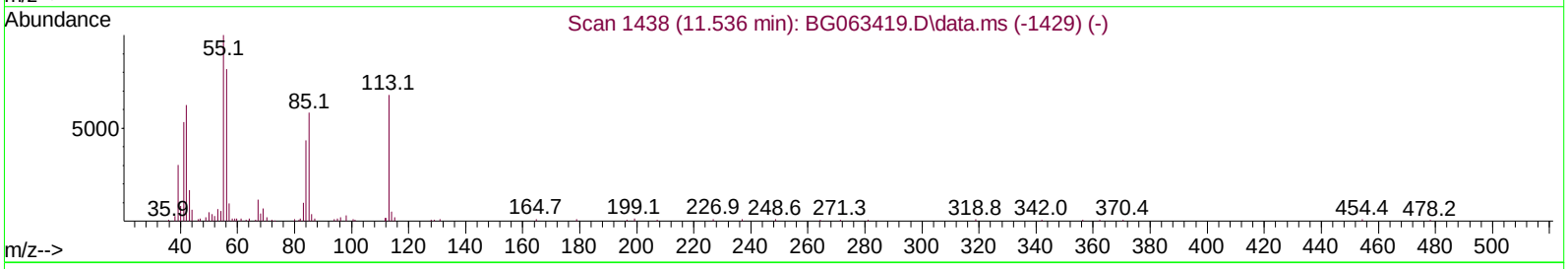
Instrument :
BNA_G
ClientSampleId :
SLCS957

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024







TIC: BG063431.D\data.ms

(34) Caprolactam

11.539min (+ 0.002) 16.83 ng/ul

response 54590

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	173.41
56.00	105.40	124.72
0.00	0.00	0.00

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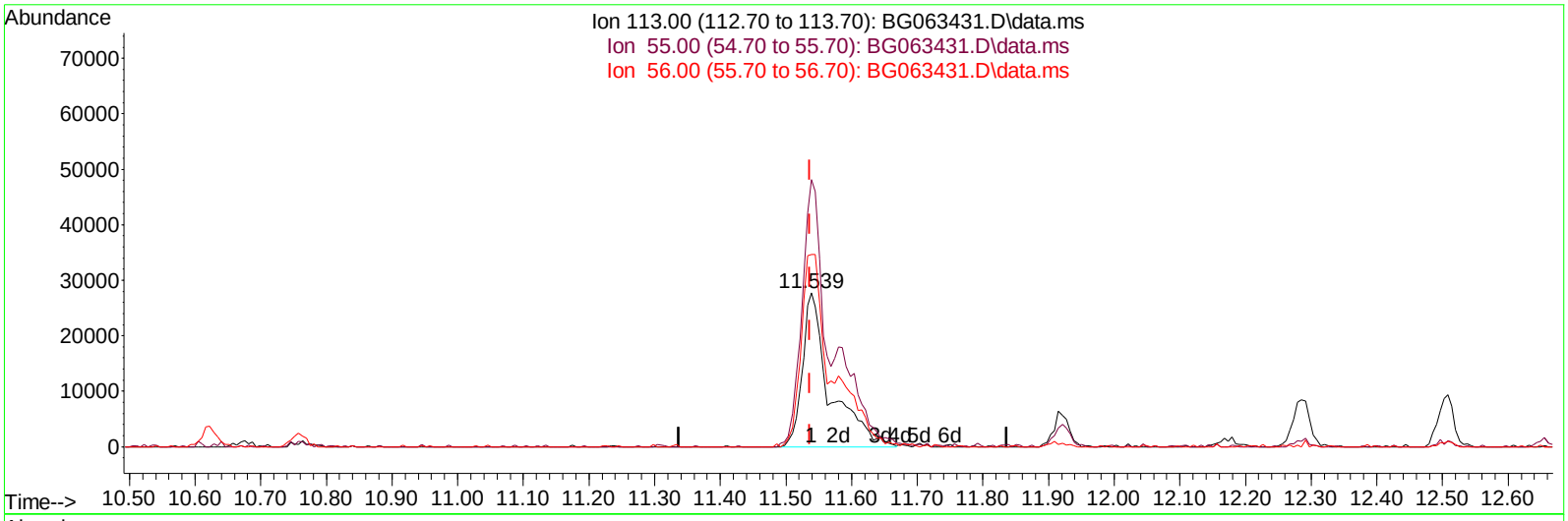

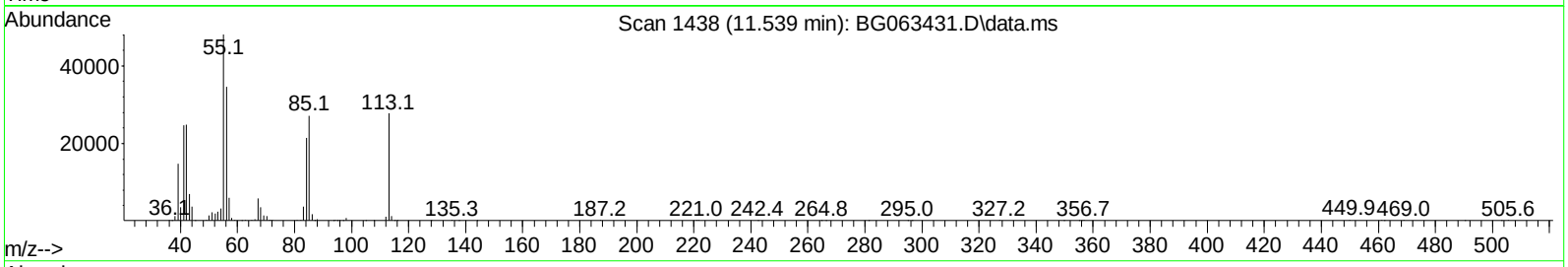

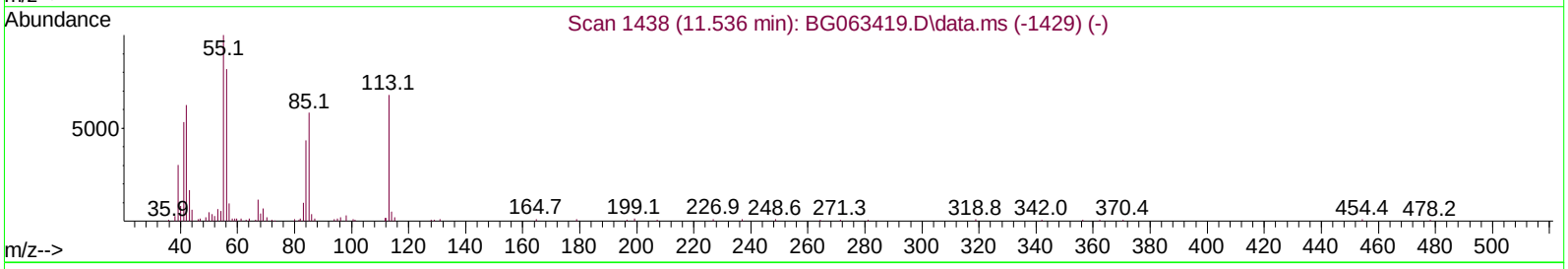

TIC: BG063431.D\data.ms

(34) Caprolactam

11.539min (+ 0.002) 24.94 ng/ul m

response 80918

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	173.41
56.00	105.40	124.72
0.00	0.00	0.00

Quantitation Report (Qedit)

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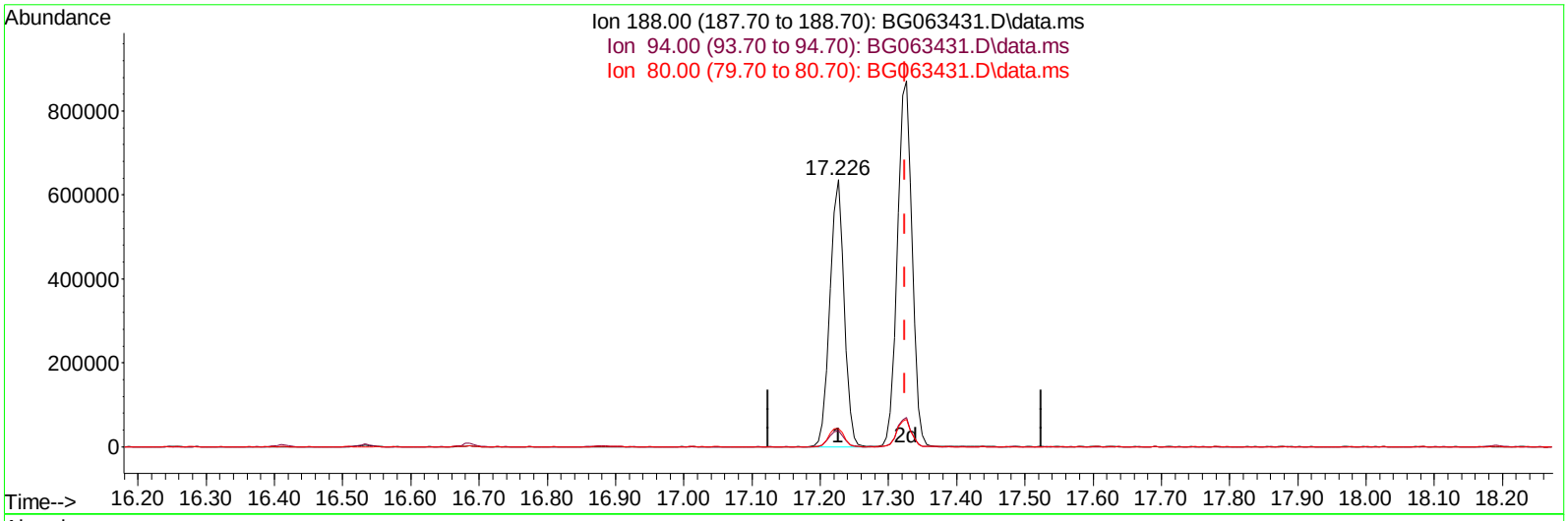

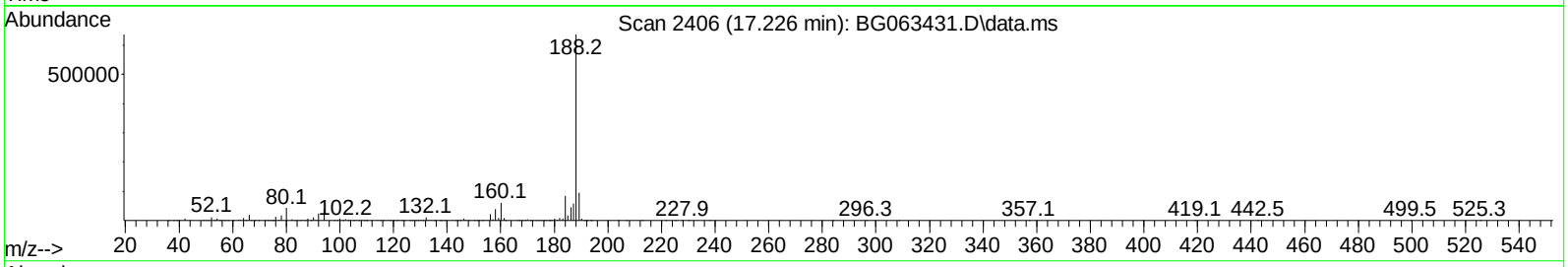

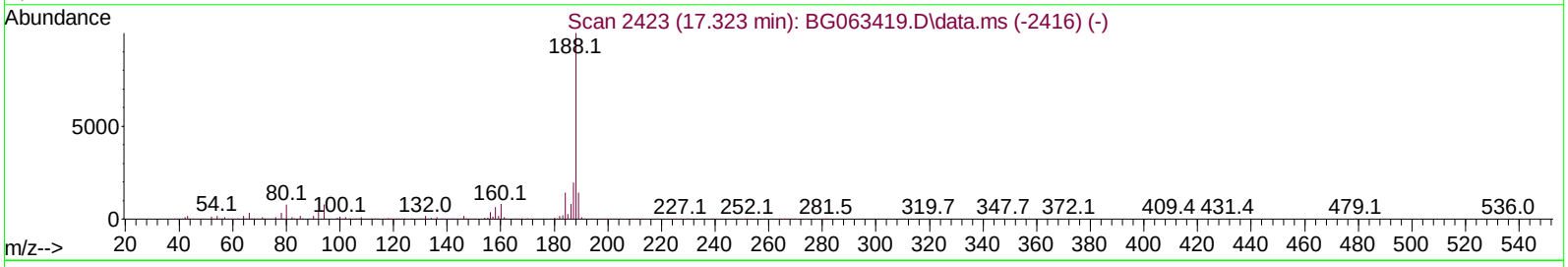

TIC: BG063431.D\data.ms

(73) Anthracene-d10 (S)

17.226min (-0.098) 23.27 ng/ul

response 928296

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	6.70	6.14
80.00	6.30	6.79
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : RC/JU
Sample : PB164957BS
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ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 16 00:35:21 2024
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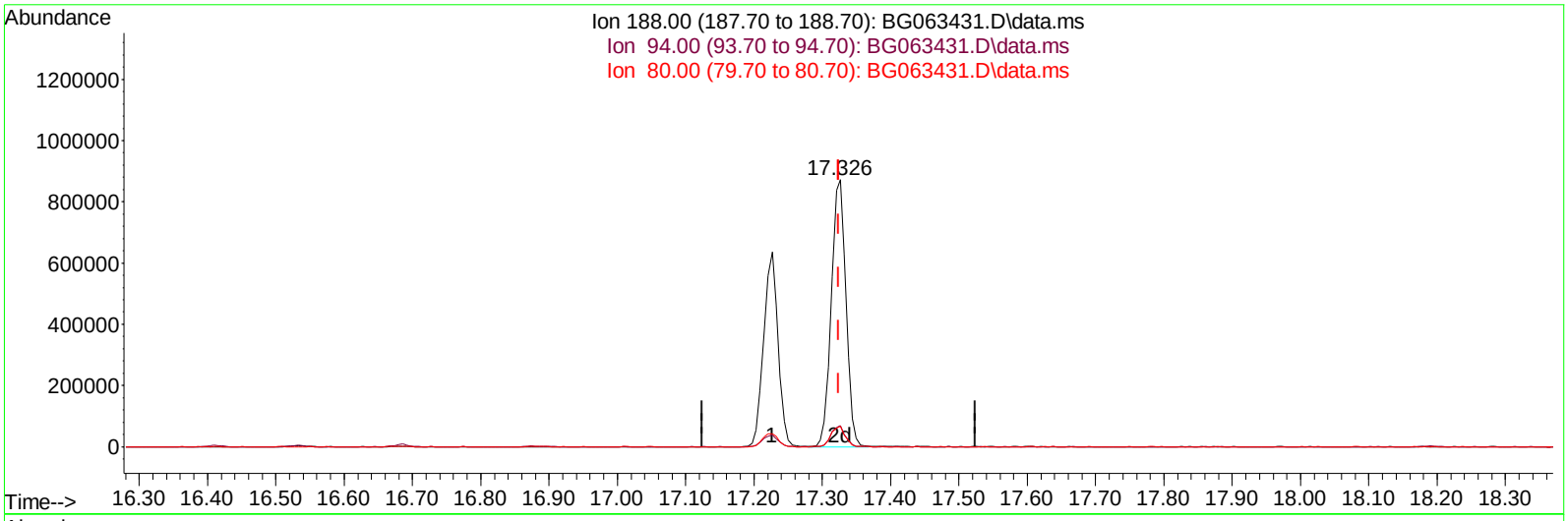

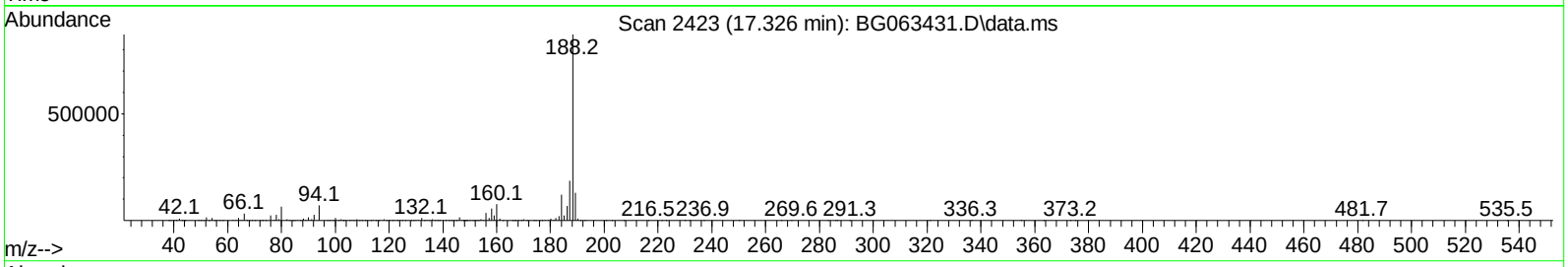

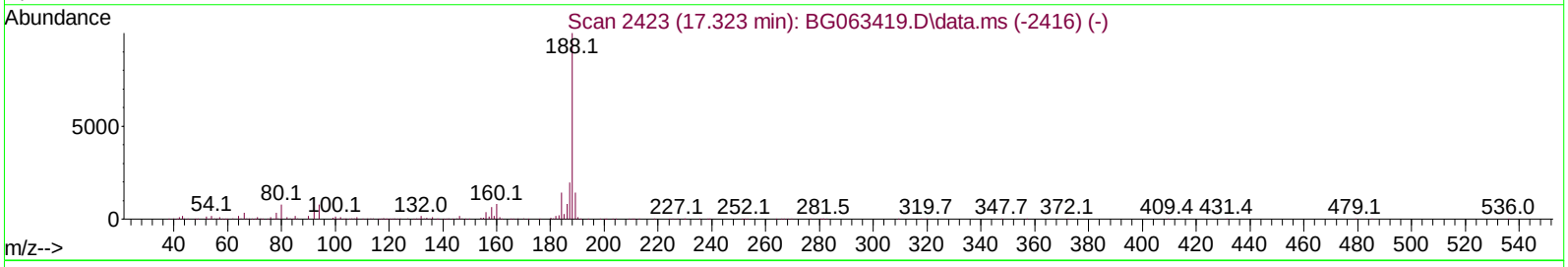

TIC: BG063431.D\data.ms

(73) Anthracene-d10 (S)

17.326min (+ 0.002) 32.57 ng/ul m

response 1299271

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	6.70	8.01
80.00	6.30	7.58#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 15 Nov 2024 18:16
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Misc :
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Quant Time: Nov 16 00:37:25 2024
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	104801	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	464330	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.471	164	371958	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.226	188	928296	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	973552	20.000	ng/ul	# 0.00
88) Perylene-d12	24.518	264	1031770	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	16361	7.059	ng/uL	0.00
4) Pyridine-d5	3.707	84	211224	27.573	ng/ul	0.00
7) Phenol-d5	7.009	99	300874	31.816	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.168	67	178938	32.259	ng/ul	0.00
11) 2-Chlorophenol-d4	7.373	132	206626	33.663	ng/ul	0.00
15) 4-Methylphenol-d8	8.548	113	252002	31.440	ng/ul	0.00
21) Nitrobenzene-d5	8.989	128	111240	34.077	ng/ul	0.00
24) 2-Nitrophenol-d4	9.712	143	137199	32.519	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	271728	32.819	ng/ul	0.00
31) 4-Chloroaniline-d4	10.758	131	292693	27.141	ng/ul	0.00
46) Dimethylphthalate-d6	13.877	166	861836	29.580	ng/ul	0.00
49) Acenaphthylene-d8	14.165	160	957824	33.587	ng/ul	0.00
54) 4-Nitrophenol-d4	14.688	143	132870	33.308	ng/ul	0.00
60) Fluorene-d10	15.470	176	789752	32.117	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.599	200	189859	32.543	ng/ul	0.00
73) Anthracene-d10	17.326	188	1299271m	32.566	ng/ul	0.00
81) Pyrene-d10	19.624	212	1717023	35.177	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.312	264	1687989	33.885	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.343	88	31164	10.922	ng/uL	97
5) Pyridine	3.725	79	213524	27.319	ng/ul	98
6) Benzaldehyde	6.974	77	113720	21.758	ng/ul	95
8) Phenol	7.038	94	313571	30.427	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.256	93	209281	29.860	ng/ul	93
12) 2-Chlorophenol	7.403	128	210574	32.072	ng/ul	97
13) 2-Methylphenol	8.278	108	233653	31.039	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.354	45	299681	33.829	ng/ul	94
16) Acetophenone	8.648	105	372586	28.870	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.636	70	212296	28.201	ng/ul	97
18) 4-Methylphenol	8.607	108	267846	31.291	ng/ul	98
19) Hexachloroethane	8.907	117	88015	33.080	ng/ul	91
22) Nitrobenzene	9.030	77	314462	31.242	ng/ul	98
23) Isophorone	9.553	82	587730	27.666	ng/ul	98
25) 2-Nitrophenol	9.741	139	132180	31.693	ng/ul	92
26) 2,4-Dimethylphenol	9.806	107	224930	24.725	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.035	93	315229	30.781	ng/ul#	91
29) 2,4-Dichlorophenol	10.276	162	243296	31.170	ng/ul	95
30) Naphthalene	10.675	128	734830	30.929	ng/ul	100
32) 4-Chloroaniline	10.781	127	219784	21.294	ng/ul	99
33) Hexachlorobutadiene	10.957	225	215789	28.885	ng/ul	98
34) Caprolactam	11.539	113	80918m	24.942	ng/ul	
35) 4-Chloro-3-methylphenol	11.921	107	270889	28.922	ng/ul	98

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.285	142	539337	28.642	ng/ul	99
37) 1-Methylnaphthalene	12.508	142	535724	27.358	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.661	216	413326	31.522	ng/ul#	96
40) Hexachlorocyclopentadiene	12.638	237	152602	21.314	ng/ul	96
41) 2,4,6-Trichlorophenol	12.902	196	222081	31.377	ng/ul	96
42) 2,4,5-Trichlorophenol	12.978	196	246612	32.132	ng/ul	92
43) 1,1'-Biphenyl	13.302	154	775854	32.907	ng/ul	99
44) 2-Chloronaphthalene	13.343	162	614407	33.473	ng/ul	97
45) 2-Nitroaniline	13.548	65	217874	34.797	ng/ul	90
47) Dimethylphthalate	13.924	163	802961	28.743	ng/ul#	99
48) 2,6-Dinitrotoluene	14.048	165	170117	31.822	ng/ul	98
50) Acenaphthylene	14.195	152	955033	33.619	ng/ul	98
51) 3-Nitroaniline	14.377	138	156705	33.583	ng/ul	98
52) Acenaphthene	14.535	153	660838	32.503	ng/ul	98
53) 2,4-Dinitrophenol	14.594	184	98335	27.900	ng/ul	99
55) 4-Nitrophenol	14.706	109	149276	28.792	ng/ul	87
56) Dibenzofuran	14.870	168	971916	31.227	ng/ul	97
57) 2,4-Dinitrotoluene	14.847	165	252842	29.904	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.105	232	221850	27.910	ng/ul#	96
59) Diethylphthalate	15.299	149	809130	28.250	ng/ul	99
61) Fluorene	15.523	166	819070	31.094	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.517	204	506878	29.941	ng/ul	96
63) 4-Nitroaniline	15.546	138	175942	37.254	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.611	198	196199	32.405	ng/ul#	96
67) N-Nitrosodiphenylamine	15.734	169	694828	33.552	ng/ul	98
68) 4-Bromophenyl-phenylether	16.416	248	340279	32.065	ng/ul	99
69) Hexachlorobenzene	16.533	284	357199	31.595	ng/ul#	94
70) Atrazine	16.686	200	146005	12.888	ng/ul	97
71) Pentachlorophenol	16.880	266	145268	25.630	ng/ul	96
72) Phenanthrene	17.268	178	1413666	33.331	ng/ul	99
74) Anthracene	17.356	178	1418233	32.641	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.266	216	419580	34.953	ng/ul	97
76) Pentachlorobenzene	14.794	250	420878	32.878	ng/ul	96
77) Carbazole	17.632	167	1238367	34.329	ng/ul	99
78) Di-n-butylphthalate	18.190	149	1407918	34.312	ng/ul	100
80) Fluoranthene	19.289	202	1859951	35.253	ng/ul#	97
82) Pyrene	19.653	202	1958919	35.028	ng/ul#	95
83) Butylbenzylphthalate	20.546	149	628871	38.477	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.380	252	697002	33.295	ng/ul#	98
85) Benzo(a)anthracene	21.463	228	2054250	33.359	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.375	149	904083	37.976	ng/ul	97
87) Chrysene	21.527	228	1921536	33.468	ng/ul	98
89) Di-n-octyl phthalate	22.520	149	1574274	38.719	ng/ul	100
90) Benzo(b)fluoranthene	23.554	252	2125120	34.233	ng/ul#	99
91) Benzo(k)fluoranthene	23.619	252	2044831	33.070	ng/ul#	99
93) Benzo(a)pyrene	24.377	252	1850534	32.227	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	27.949	276	2339935	33.221	ng/ul	97
95) Dibenzo(a,h)anthracene	27.996	278	1917862	33.398	ng/ul#	94
96) Benzo(g,h,i)perylene	29.013	276	1792860	33.573	ng/ul	98

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

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