Quantitation Report (Qedit)

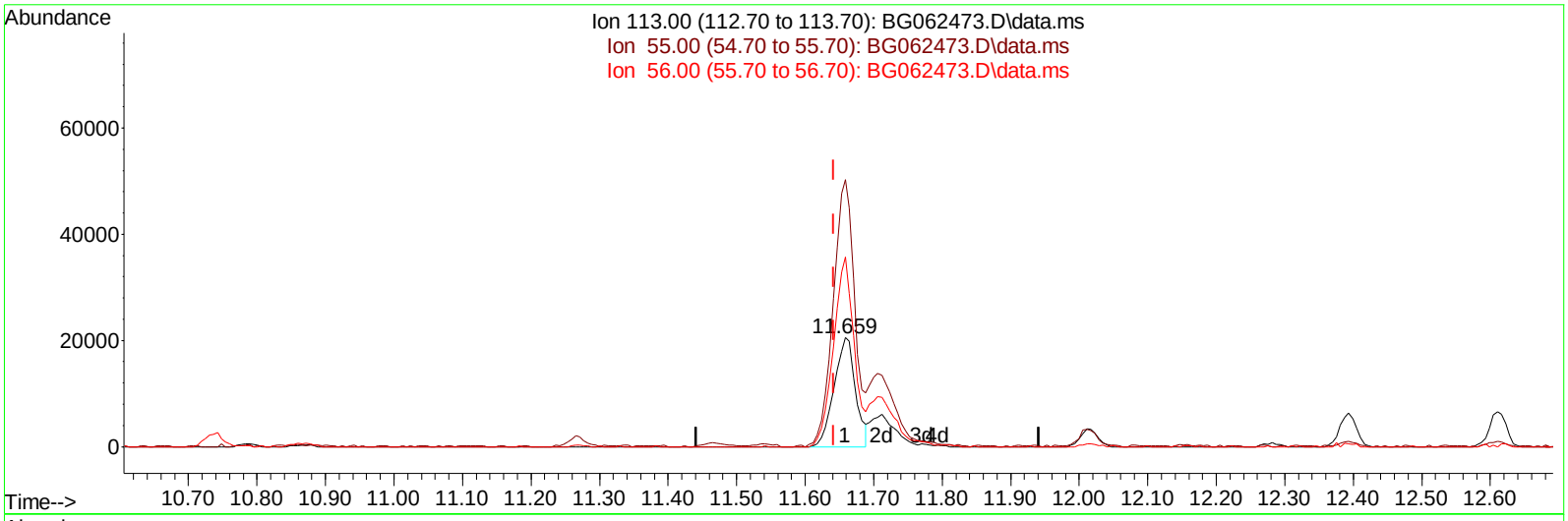
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082024\
Data File : BG062473.D
Acq On : 20 Aug 2024 11:47
Operator : MA/JU
Sample : P3504-25MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

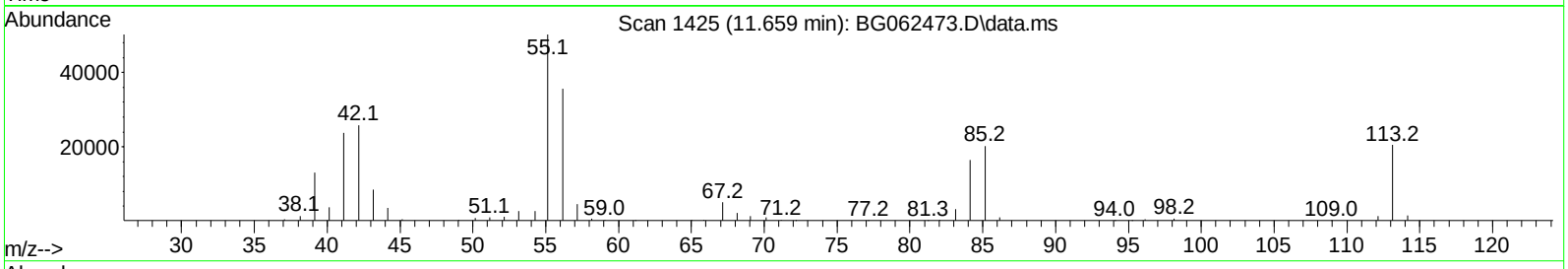
Quant Time: Aug 20 12:25:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 20 11:04:05 2024
Response via : Initial Calibration

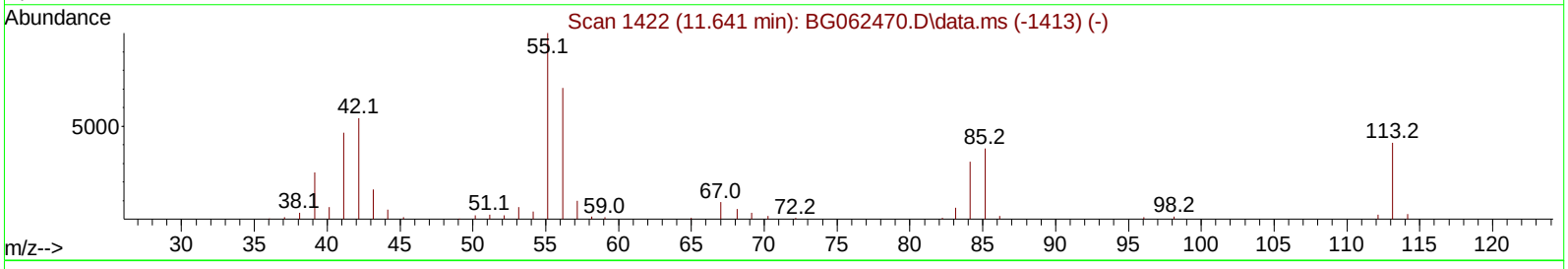
Instrument :
BNA_G
ClientSampleId :
DCYF2MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024







TIC: BG062473.D\data.ms

(34) Caprolactam

11.659min (+ 0.017) 20.91 ng/ul

response 44500

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	245.03
56.00	178.20	174.21
0.00	0.00	0.00

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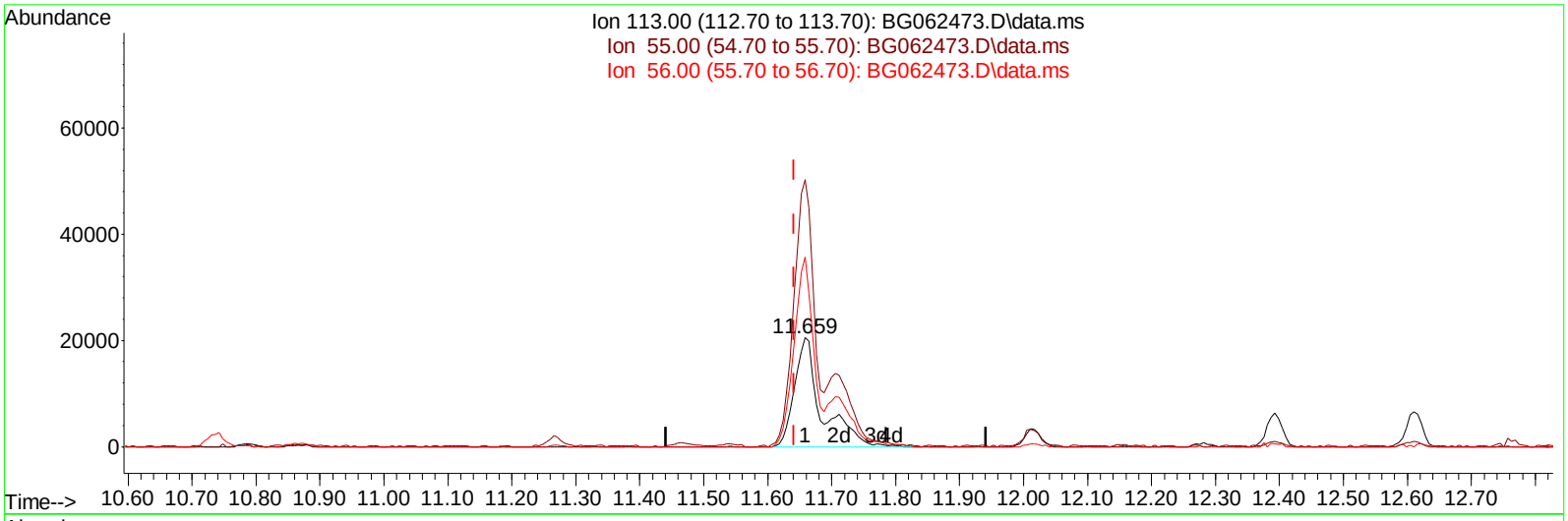

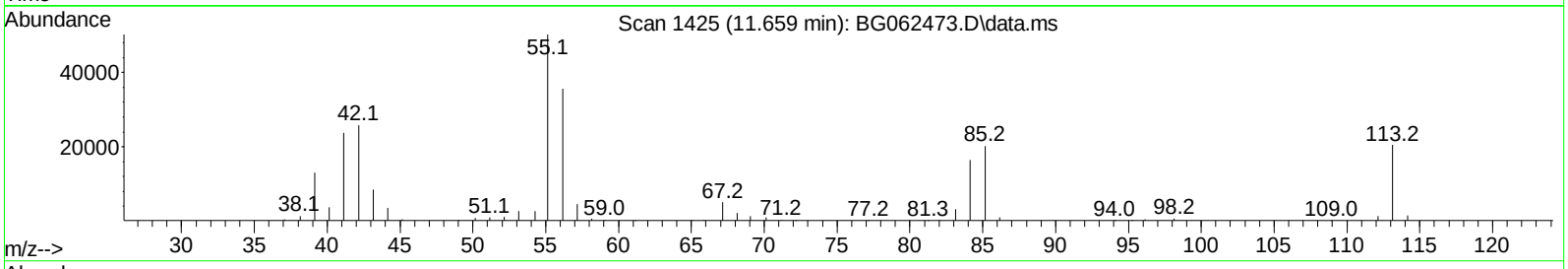

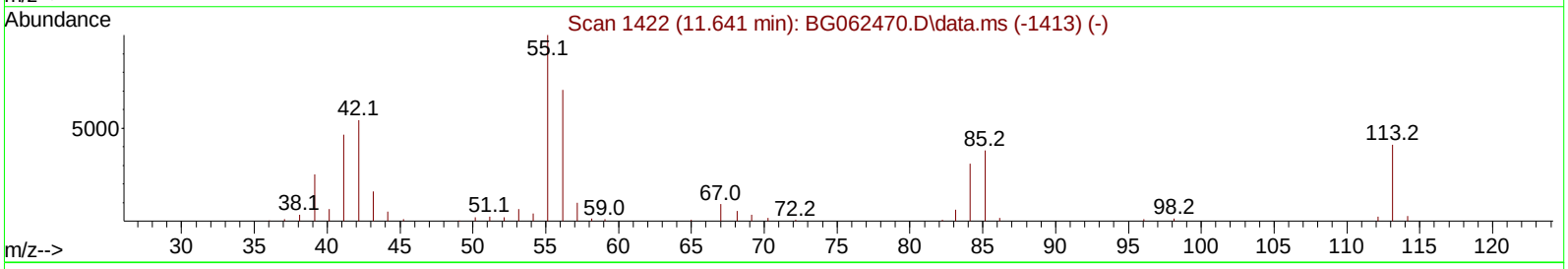

TIC: BG062473.D\data.ms

(34) Caprolactam

11.659min (+ 0.017) 28.23 ng/ul m

response 60076

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	245.03
56.00	178.20	174.21
0.00	0.00	0.00

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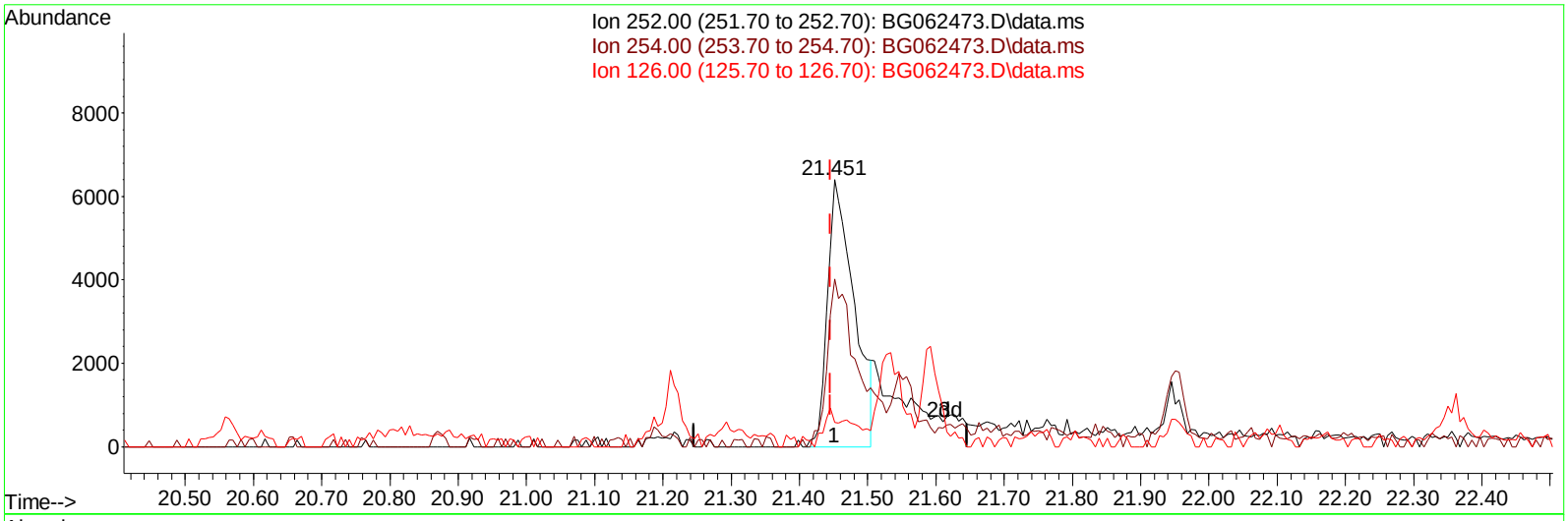

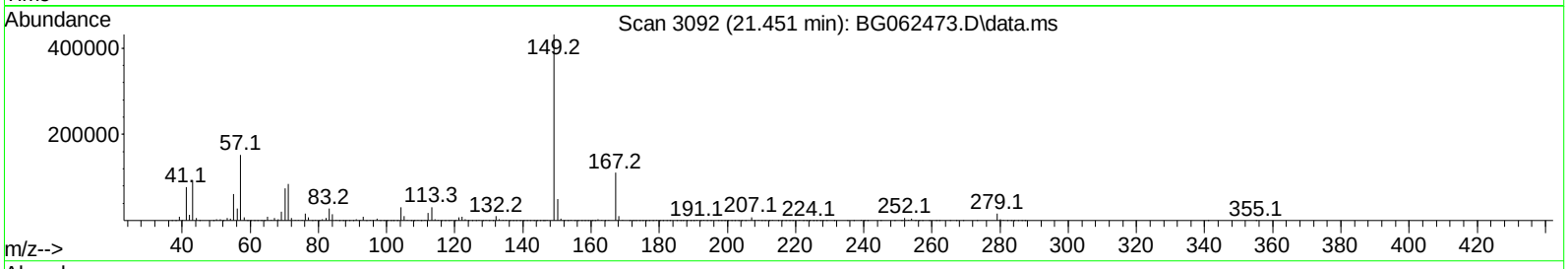

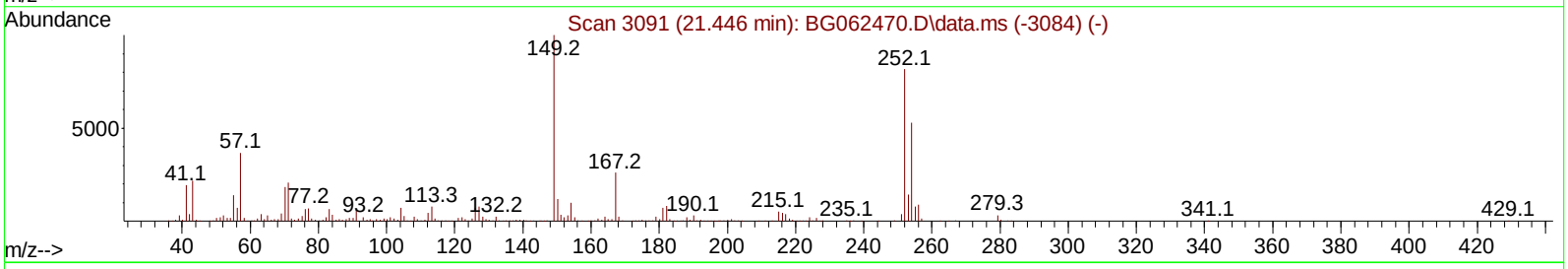

TIC: BG062473.D\data.ms

(84) 3,3'-Dichlorobenzidine

21.451min (+ 0.006) 1.77 ng/ul

response 17246

Ion	Exp%	Act%
252.00	100.00	100.00
254.00	62.30	62.81
126.00	7.90	8.99
0.00	0.00	0.00

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Misc :
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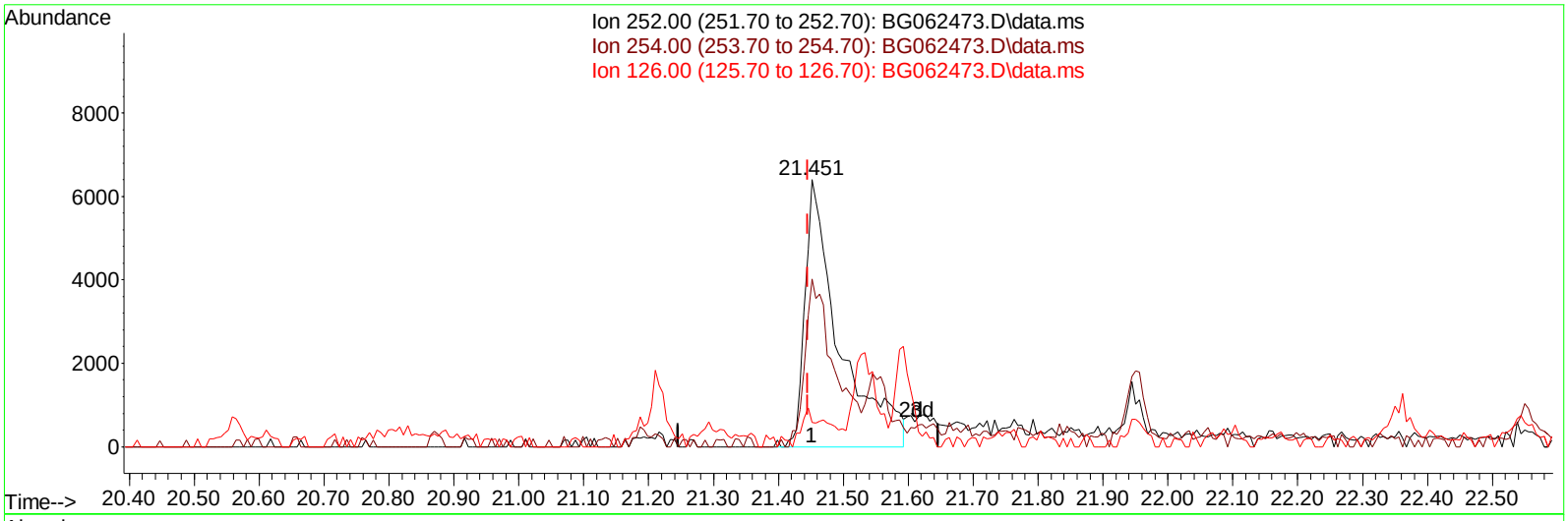

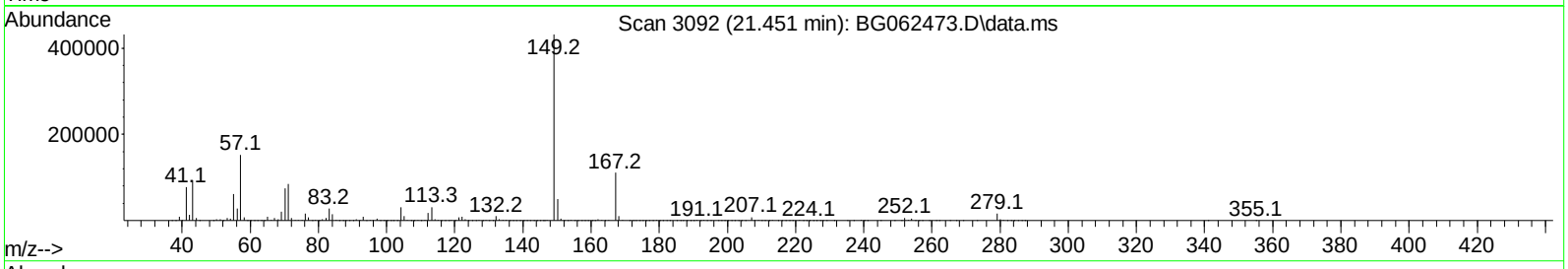

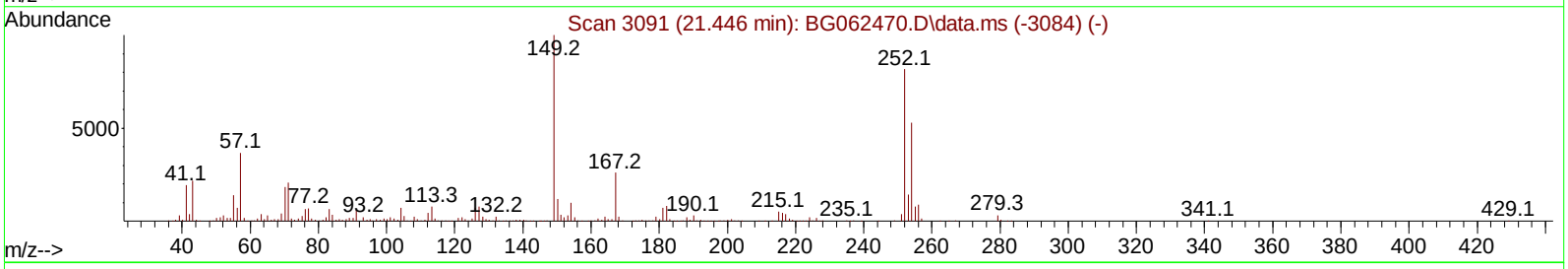

TIC: BG062473.D\data.ms

(84) 3,3'-Dichlorobenzidine

21.451min (+ 0.006) 2.39 ng/ul m

response 23398

Ion	Exp%	Act%
252.00	100.00	100.00
254.00	62.30	62.81
126.00	7.90	8.99
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	64422	20.000	ng/ul	0.00
20) Naphthalene-d8	10.736	136	316215	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.567	164	229198	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.304	188	498053	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	447668	20.000	ng/ul	0.00
88) Perylene-d12	24.629	264	504691	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	7453	4.392	ng/uL	0.00
4) Pyridine-d5	3.811	84	47742	9.234	ng/ul	0.00
7) Phenol-d5	7.106	99	180039	28.093	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.271	67	104534	25.894	ng/ul	0.00
11) 2-Chlorophenol-d4	7.476	132	132506	30.268	ng/ul	0.00
15) 4-Methylphenol-d8	8.645	113	131623	24.502	ng/ul	0.00
21) Nitrobenzene-d5	9.098	128	67628	33.349	ng/ul	0.00
24) 2-Nitrophenol-d4	9.814	143	74731	37.046	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.355	165	160812	31.298	ng/ul	0.00
31) 4-Chloroaniline-d4	10.866	131	110261	13.532	ng/ul	0.00
46) Dimethylphthalate-d6	13.973	166	465368	26.103	ng/ul	0.00
49) Acenaphthylene-d8	14.261	160	530775	26.889	ng/ul	0.00
54) 4-Nitrophenol-d4	14.755	143	76336	26.840	ng/ul	0.00
60) Fluorene-d10	15.553	176	424037	26.371	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.671	200	75104	33.189	ng/ul	0.00
73) Anthracene-d10	17.404	188	562919	23.528	ng/ul	0.00
81) Pyrene-d10	19.689	212	732688	27.946	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.418	264	727062	27.146	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	21261	11.738	ng/uL#	92
5) Pyridine	3.828	79	163625	30.076	ng/ul	98
6) Benzaldehyde	7.083	77	125406	37.747	ng/ul	98
8) Phenol	7.130	94	238613	35.482	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.365	93	163979	32.954	ng/ul	98
12) 2-Chlorophenol	7.511	128	167789	37.053	ng/ul	98
13) 2-Methylphenol	8.381	108	161270	31.869	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.463	45	350811	34.156	ng/ul	97
16) Acetophenone	8.763	105	276098	31.375	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.751	70	148603	32.001	ng/ul	97
18) 4-Methylphenol	8.710	108	184486	31.828	ng/ul	100
19) Hexachloroethane	9.027	117	64076	35.562	ng/ul	94
22) Nitrobenzene	9.139	77	211924	36.997	ng/ul	98
23) Isophorone	9.661	82	417381	30.854	ng/ul	100
25) 2-Nitrophenol	9.849	139	99013	43.934	ng/ul	98
26) 2,4-Dimethylphenol	9.908	107	63469	10.327	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.143	93	236804	31.471	ng/ul	97
29) 2,4-Dichlorophenol	10.384	162	191740	36.340	ng/ul	98
30) Naphthalene	10.789	128	599049	32.664	ng/ul	99
32) 4-Chloroaniline	10.889	127	132978	16.787	ng/ul	96
33) Hexachlorobutadiene	11.077	225	132820	33.116	ng/ul	99
34) Caprolactam	11.659	113	60076m	28.230	ng/ul	
35) 4-Chloro-3-methylphenol	12.017	107	206157	33.391	ng/ul	99

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Instrument :
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DCYF2MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/21/2024
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.393	142	415263	32.063 ng/ul	100
37) 1-Methylnaphthalene	12.610	142	417430	31.589 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.757	216	259357	33.886 ng/ul	97
40) Hexachlorocyclopentadiene	12.746	237	123646	31.517 ng/ul	99
41) 2,4,6-Trichlorophenol	12.998	196	163557	37.149 ng/ul	100
42) 2,4,5-Trichlorophenol	13.069	196	177933	38.493 ng/ul	99
43) 1,1'-Biphenyl	13.403	154	585592	33.724 ng/ul	99
44) 2-Chloronaphthalene	13.445	162	457977	34.085 ng/ul	99
45) 2-Nitroaniline	13.638	65	146010	41.955 ng/ul	97
47) Dimethylphthalate	14.020	163	561424	31.061 ng/ul	99
48) 2,6-Dinitrotoluene	14.138	165	111327	43.125 ng/ul#	87
50) Acenaphthylene	14.285	152	696537	32.957 ng/ul	98
51) 3-Nitroaniline	14.461	138	88779	30.184 ng/ul	94
52) Acenaphthene	14.631	153	504030	31.866 ng/ul	98
53) 2,4-Dinitrophenol	14.666	184	63866	39.222 ng/ul	98
55) 4-Nitrophenol	14.772	109	82945	33.977 ng/ul	95
56) Dibenzofuran	14.966	168	715517	32.158 ng/ul	100
57) 2,4-Dinitrotoluene	14.925	165	158826	40.418 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.189	232	160310	36.071 ng/ul	98
59) Diethylphthalate	15.389	149	561300	31.117 ng/ul	98
61) Fluorene	15.612	166	544752	31.062 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.606	204	284616	31.582 ng/ul	99
63) 4-Nitroaniline	15.624	138	93576	30.437 ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.683	198	98892	38.785 ng/ul#	98
67) N-Nitrosodiphenylamine	15.818	169	479127	33.185 ng/ul	99
68) 4-Bromophenyl-phenylether	16.499	248	193252	34.574 ng/ul	96
69) Hexachlorobenzene	16.617	284	215313	33.064 ng/ul	99
70) Atrazine	16.769	200	144363	23.980 ng/ul	97
71) Pentachlorophenol	16.957	266	137519	36.187 ng/ul	99
72) Phenanthrene	17.351	178	889628	31.788 ng/ul	99
74) Anthracene	17.439	178	805928	28.112 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.362	216	259075	36.388 ng/ul	99
76) Pentachlorobenzene	14.884	250	247528	33.143 ng/ul	96
77) Carbazole	17.703	167	753653	31.296 ng/ul	99
78) Di-n-butylphthalate	18.273	149	930448	32.298 ng/ul	99
80) Fluoranthene	19.354	202	1006864	34.377 ng/ul	99
82) Pyrene	19.718	202	1054517	33.404 ng/ul	99
83) Butylbenzylphthalate	20.611	149	396372	37.275 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.451	252	23398m	2.395 ng/ul	
85) Benzo(a)anthracene	21.528	228	1058277	32.569 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	577547	37.174 ng/ul	98
87) Chrysene	21.592	228	1002404	32.541 ng/ul	97
89) Di-n-octyl phthalate	22.620	149	1013590	37.657 ng/ul	100
90) Benzo(b)fluoranthene	23.660	252	1025770	33.645 ng/ul	99
91) Benzo(k)fluoranthene	23.725	252	1015613	33.002 ng/ul	99
93) Benzo(a)pyrene	24.488	252	901992	31.382 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.113	276	1266211	34.660 ng/ul	98
95) Dibenzo(a,h)anthracene	28.178	278	1026943	34.681 ng/ul	99
96) Benzo(g,h,i)perylene	29.206	276	976177	34.745 ng/ul	98

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

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