Quantitation Report (Qedit)

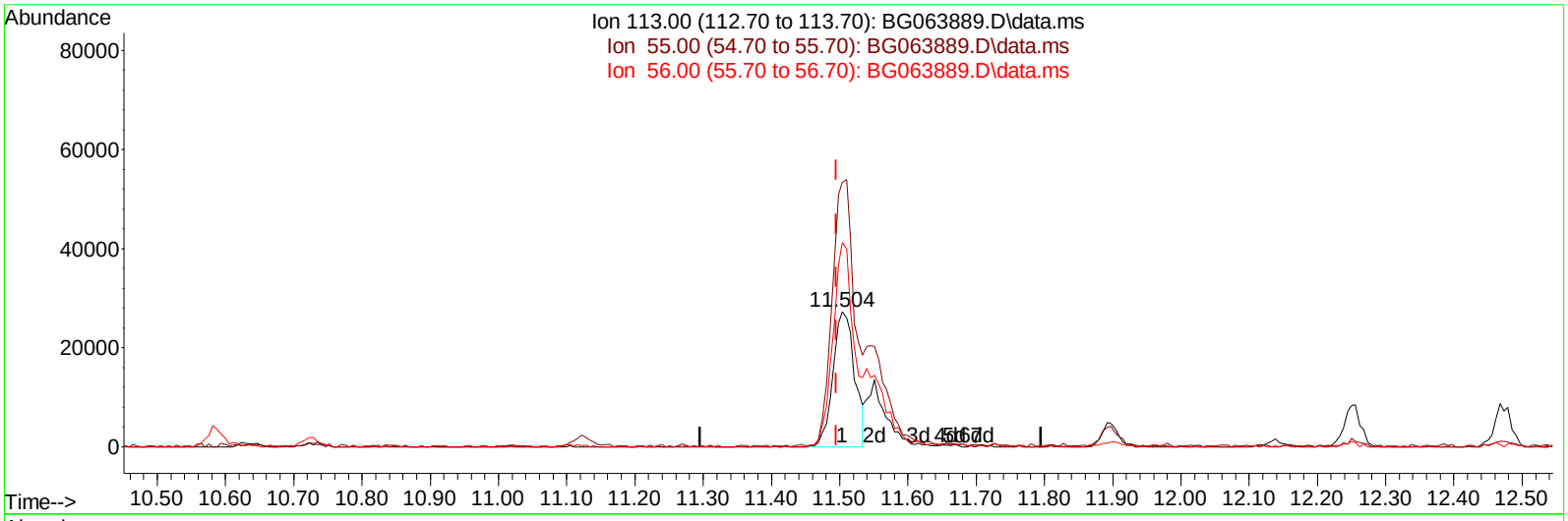
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063889.D
Acq On : 28 Dec 2024 4:42
Operator : RC/JU
Sample : P5325-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

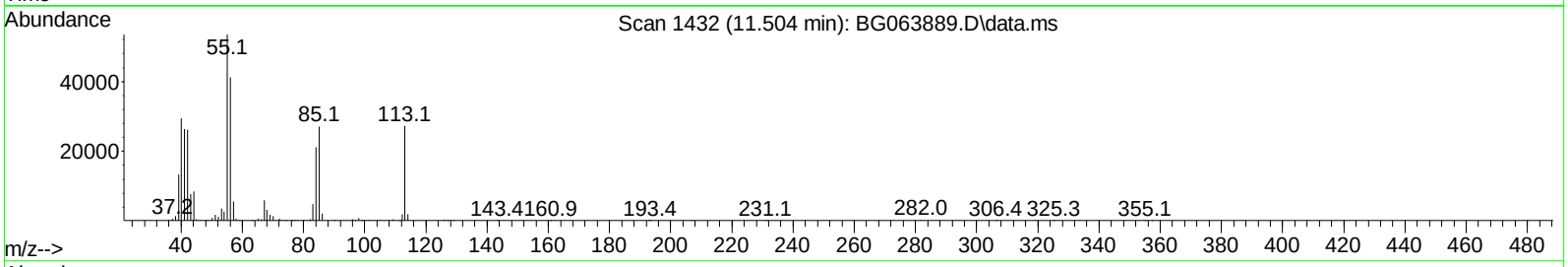
Quant Time: Dec 28 05:32:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration

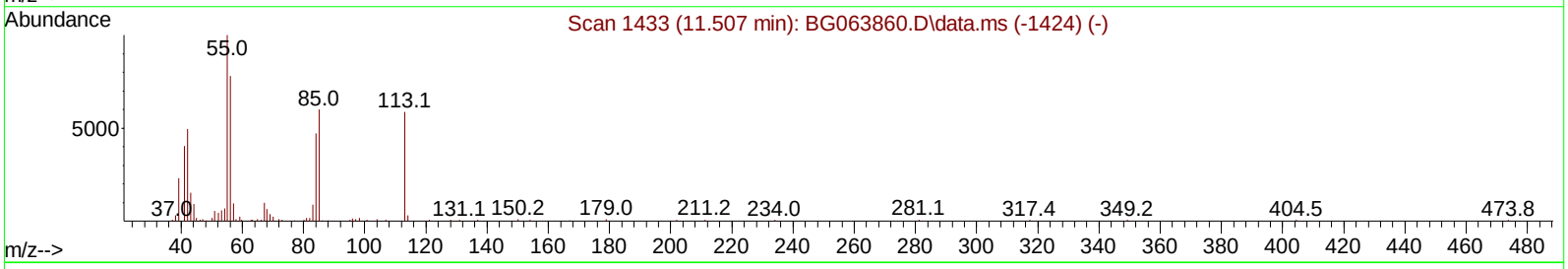
Instrument :
BNA_G
ClientSampleId :
YE680MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024







TIC: BG063889.D\data.ms

(34) Caprolactam

11.504min (+ 0.009) 24.64 ng/ul

response 60432

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	196.16
56.00	133.90	151.22
0.00	0.00	0.00

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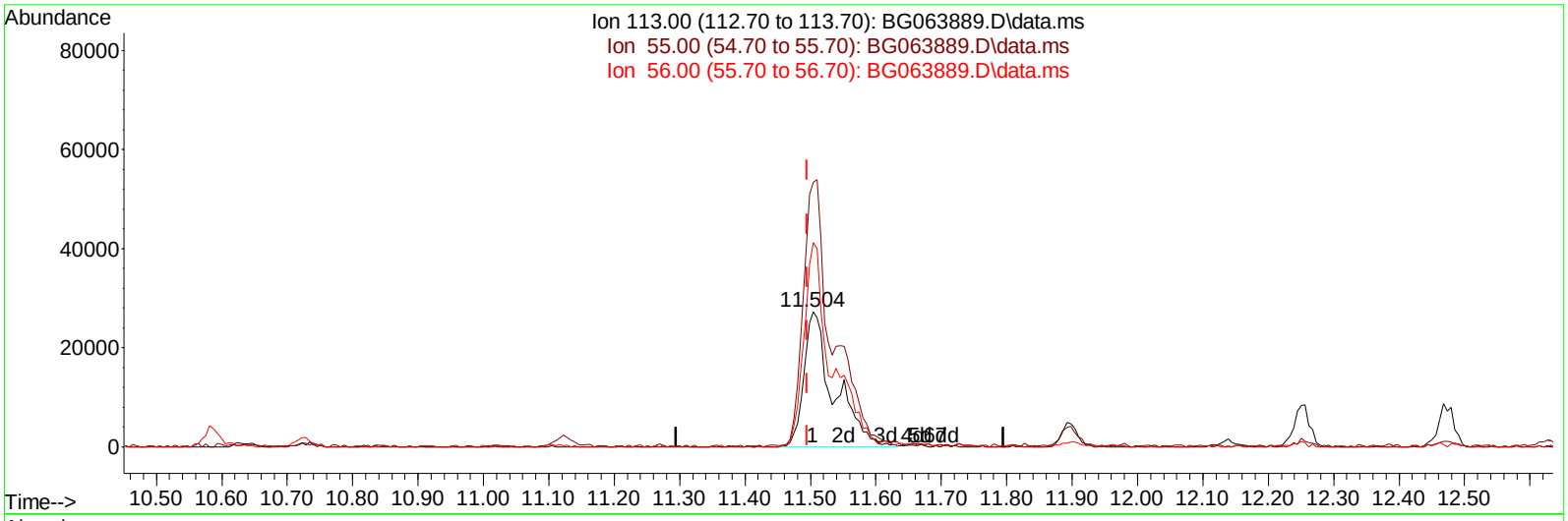

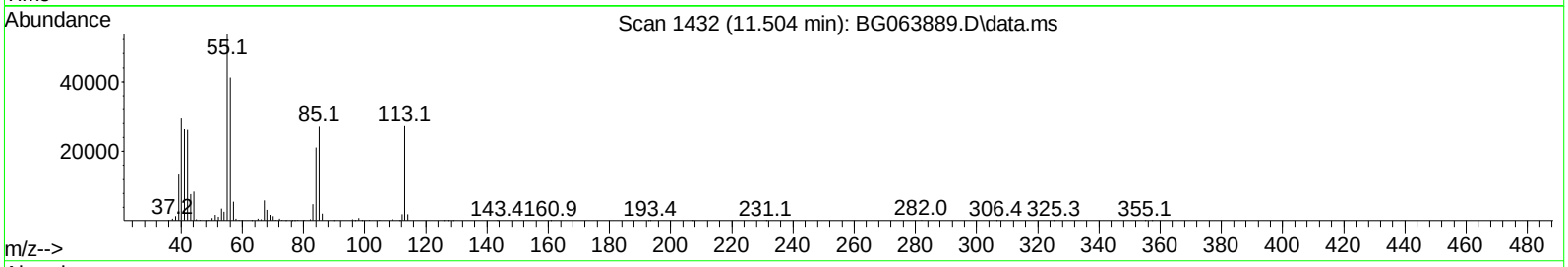

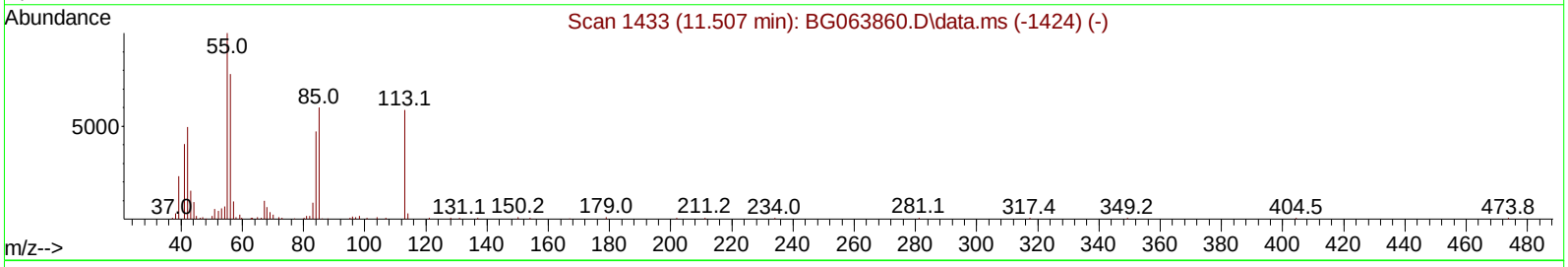

TIC: BG063889.D\data.ms

(34) Caprolactam

11.504min (+ 0.009) 35.16 ng/ul m

response 86247

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	196.16
56.00	133.90	151.22
0.00	0.00	0.00

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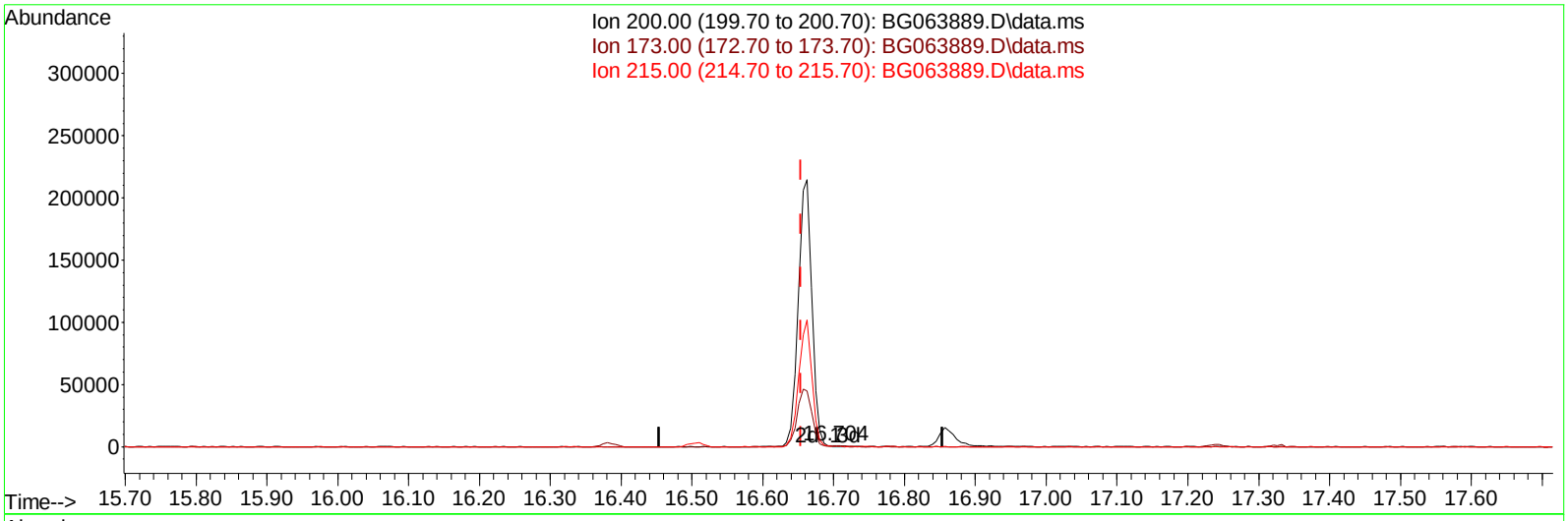

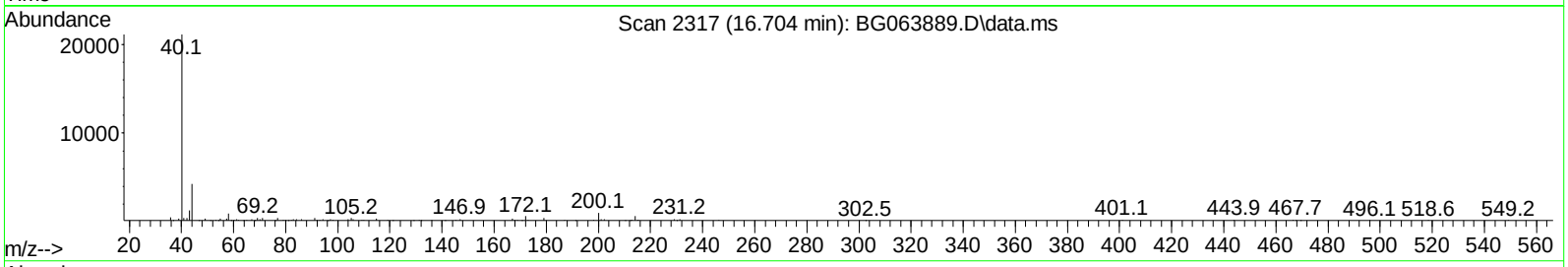

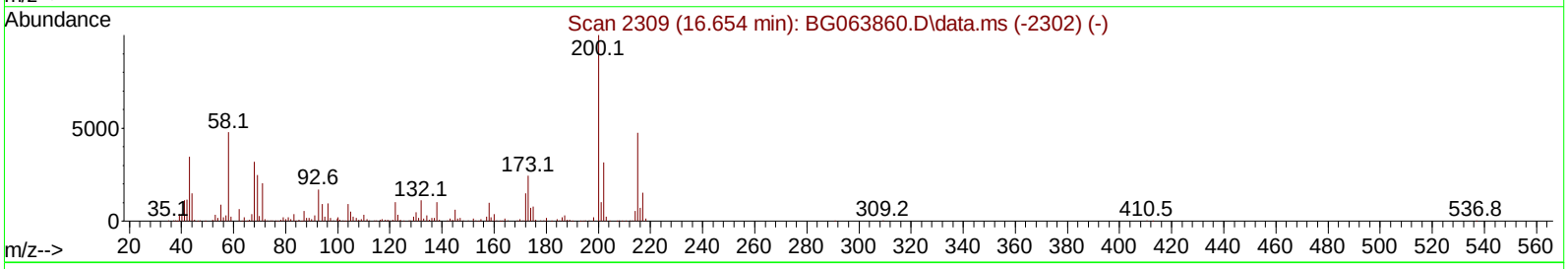

TIC: BG063889.D\data.ms

(70) Atrazine

16.704min (+ 0.050) 0.09 ng/ul

response 720

Ion	Exp%	Act%
200.00	100.00	100.00
173.00	26.60	24.70
215.00	47.30	41.27
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 28 05:32:35 2024
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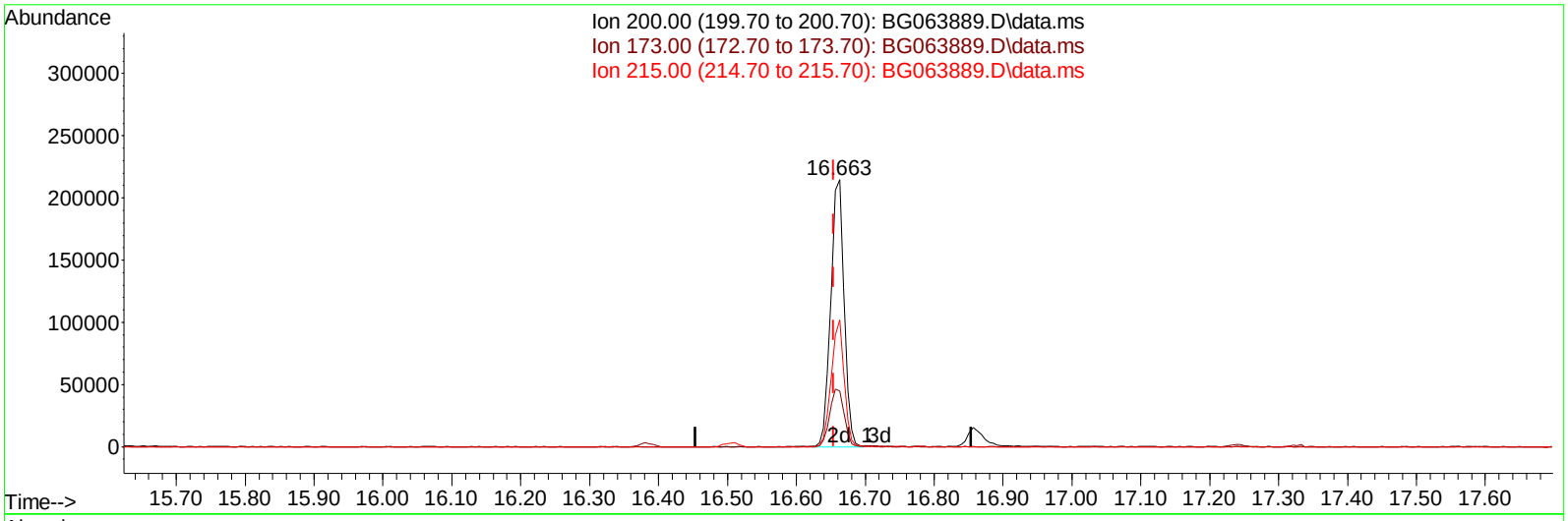

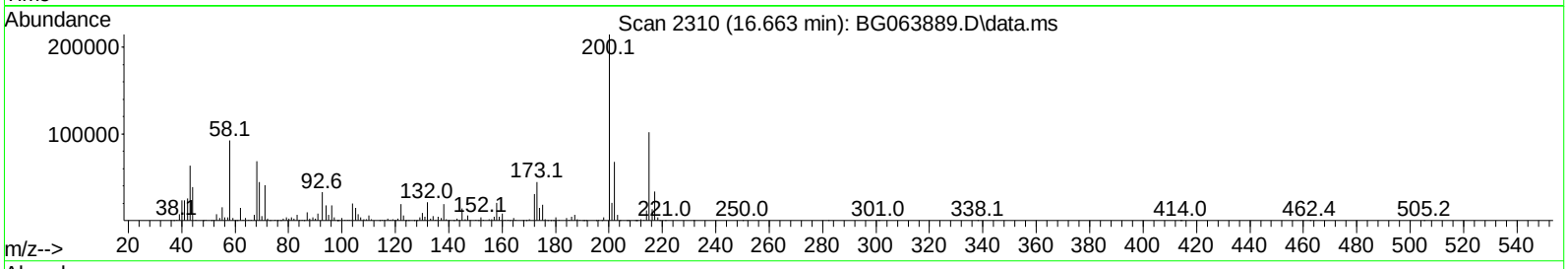

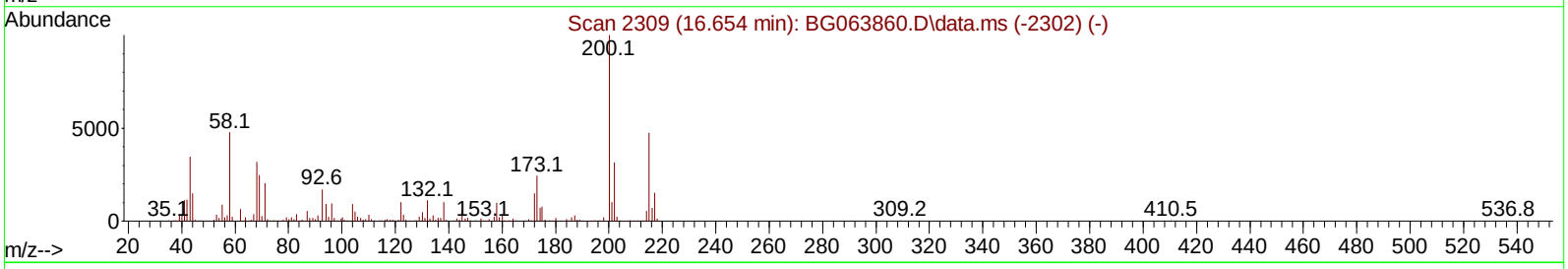

TIC: BG063889.D\data.ms

(70) Atrazine

16.663min (+ 0.009) 36.04 ng/ul m

response 288075

Ion	Exp%	Act%
200.00	100.00	100.00
173.00	26.60	20.79#
215.00	47.30	47.42
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/30/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	117196	20.000	ng/ul	0.00
20) Naphthalene-d8	10.587	136	460866	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.442	164	330536	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.197	188	780834	20.000	ng/ul	0.00
79) Chrysene-d12	21.451	240	842368	20.000	ng/ul	0.01
88) Perylene-d12	24.471	264	849679	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.255	96	14284	4.776	ng/uL	0.00
4) Pyridine-d5	3.666	84	228414	24.211	ng/ul	0.00
7) Phenol-d5	6.986	99	269128	24.934	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.127	67	178199	23.904	ng/ul	0.00
11) 2-Chlorophenol-d4	7.338	132	180454	25.824	ng/ul	0.00
15) 4-Methylphenol-d8	8.519	113	213290	25.452	ng/ul	0.00
21) Nitrobenzene-d5	8.954	128	95862	29.132	ng/ul	0.00
24) 2-Nitrophenol-d4	9.671	143	108641	29.453	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.223	165	208180	29.151	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131	243543	26.858	ng/ul	0.00
46) Dimethylphthalate-d6	13.848	166	618966	27.520	ng/ul	0.00
49) Acenaphthylene-d8	14.130	160	712540	27.791	ng/ul	0.00
54) 4-Nitrophenol-d4	14.677	143	88448	27.755	ng/ul	0.00
60) Fluorene-d10	15.441	176	551337	27.725	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.576	200	90824	22.403	ng/ul	0.00
73) Anthracene-d10	17.297	188	966914	28.802	ng/ul	0.00
81) Pyrene-d10	19.595	212	1170904	26.712	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.266	264	1083754	27.161	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.296	88	45849	12.954	ng/uL#	92
5) Pyridine	3.684	79	317051	31.376	ng/ul	95
6) Benzaldehyde	6.939	77	65738	9.929	ng/ul	99
8) Phenol	7.009	94	363090	31.564	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.221	93	266034	30.227	ng/ul	97
12) 2-Chlorophenol	7.368	128	228864	32.356	ng/ul	99
13) 2-Methylphenol	8.255	108	258207	31.056	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.314	45	400955	30.687	ng/ul	98
16) Acetophenone	8.619	105	419956	29.546	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.602	70	242000	28.534	ng/ul	94
18) 4-Methylphenol	8.584	108	287269	31.570	ng/ul	96
19) Hexachloroethane	8.872	117	104211	29.984	ng/ul	97
22) Nitrobenzene	8.995	77	365248	33.239	ng/ul	95
23) Isophorone	9.518	82	659638	31.771	ng/ul	98
25) 2-Nitrophenol	9.706	139	138600	36.562	ng/ul	92
26) 2,4-Dimethylphenol	9.777	107	285476	33.187	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.000	93	381356	33.959	ng/ul	96
29) 2,4-Dichlorophenol	10.247	162	247173	34.833	ng/ul	98
30) Naphthalene	10.634	128	778083	33.768	ng/ul	99
32) 4-Chloroaniline	10.752	127	181105	20.992	ng/ul	97
33) Hexachlorobutadiene	10.922	225	174792	30.320	ng/ul	95
34) Caprolactam	11.504	113	86247m	35.161	ng/ul	
35) 4-Chloro-3-methylphenol	11.898	107	277602	33.322	ng/ul	99

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BNA_G
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YE680MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.250	142	547581	33.066	ng/ul	99
37) 1-Methylnaphthalene	12.473	142	550018	32.606	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.626	216	340097	32.141	ng/ul	95
40) Hexachlorocyclopentadiene	12.603	237	66629	15.929	ng/ul	88
41) 2,4,6-Trichlorophenol	12.873	196	204559	34.204	ng/ul	95
42) 2,4,5-Trichlorophenol	12.955	196	217055	34.777	ng/ul	97
43) 1,1'-Biphenyl	13.267	154	745606	34.205	ng/ul	95
44) 2-Chloronaphthalene	13.314	162	593470	33.904	ng/ul	98
45) 2-Nitroaniline	13.519	65	214379	36.563	ng/ul	95
47) Dimethylphthalate	13.895	163	757138	33.589	ng/ul	97
48) 2,6-Dinitrotoluene	14.025	165	153484	36.663	ng/ul	92
50) Acenaphthylene	14.160	152	941011	34.229	ng/ul	97
51) 3-Nitroaniline	14.354	138	149841	38.713	ng/ul	91
52) Acenaphthene	14.506	153	658007	33.769	ng/ul	97
53) 2,4-Dinitrophenol	14.577	184	58082	27.149	ng/ul	88
55) 4-Nitrophenol	14.694	109	100081	30.245	ng/ul	90
56) Dibenzofuran	14.841	168	944255	34.372	ng/ul	99
57) 2,4-Dinitrotoluene	14.818	165	234607	37.715	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.082	232	187973	34.939	ng/ul	95
59) Diethylphthalate	15.264	149	739216	33.923	ng/ul	97
61) Fluorene	15.493	166	747964	34.098	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.488	204	397308	32.511	ng/ul	95
63) 4-Nitroaniline	15.523	138	179376	46.292	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.593	198	134277	32.150	ng/ul#	86
67) N-Nitrosodiphenylamine	15.705	169	659911	34.901	ng/ul	97
68) 4-Bromophenyl-phenylether	16.381	248	267317	33.592	ng/ul	96
69) Hexachlorobenzene	16.510	284	299065	33.543	ng/ul	96
70) Atrazine	16.663	200	288075m	36.042	ng/ul	
71) Pentachlorophenol	16.857	266	126665	33.695	ng/ul	97
72) Phenanthrene	17.238	178	1335444	35.491	ng/ul	99
74) Anthracene	17.332	178	1358527	35.671	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.237	216	330287	31.703	ng/ul	99
76) Pentachlorobenzene	14.765	250	335120	32.470	ng/ul	99
77) Carbazole	17.603	167	1231390	39.943	ng/ul	99
78) Di-n-butylphthalate	18.161	149	1474335	39.600	ng/ul	99
80) Fluoranthene	19.260	202	1715869	34.440	ng/ul	97
82) Pyrene	19.624	202	1827543	34.477	ng/ul#	94
83) Butylbenzylphthalate	20.517	149	671846	41.289	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.351	252	508198	33.420	ng/ul	95
85) Benzo(a)anthracene	21.434	228	1779479	33.707	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	982284	41.499	ng/ul	99
87) Chrysene	21.492	228	1685106	33.491	ng/ul	95
89) Di-n-octyl phthalate	22.479	149	1646417	44.893	ng/ul	100
90) Benzo(b)fluoranthene	23.519	252	1705444	35.315	ng/ul	99
91) Benzo(k)fluoranthene	23.584	252	1682772	34.933	ng/ul	99
93) Benzo(a)pyrene	24.330	252	1590029	35.078	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.891	276	1966318	35.521	ng/ul#	95
95) Dibenzo(a,h)anthracene	27.932	278	1510122	34.093	ng/ul	93
96) Benzo(g,h,i)perylene	28.948	276	1525388	34.726	ng/ul	98

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

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