Quantitation Report (Qedit)

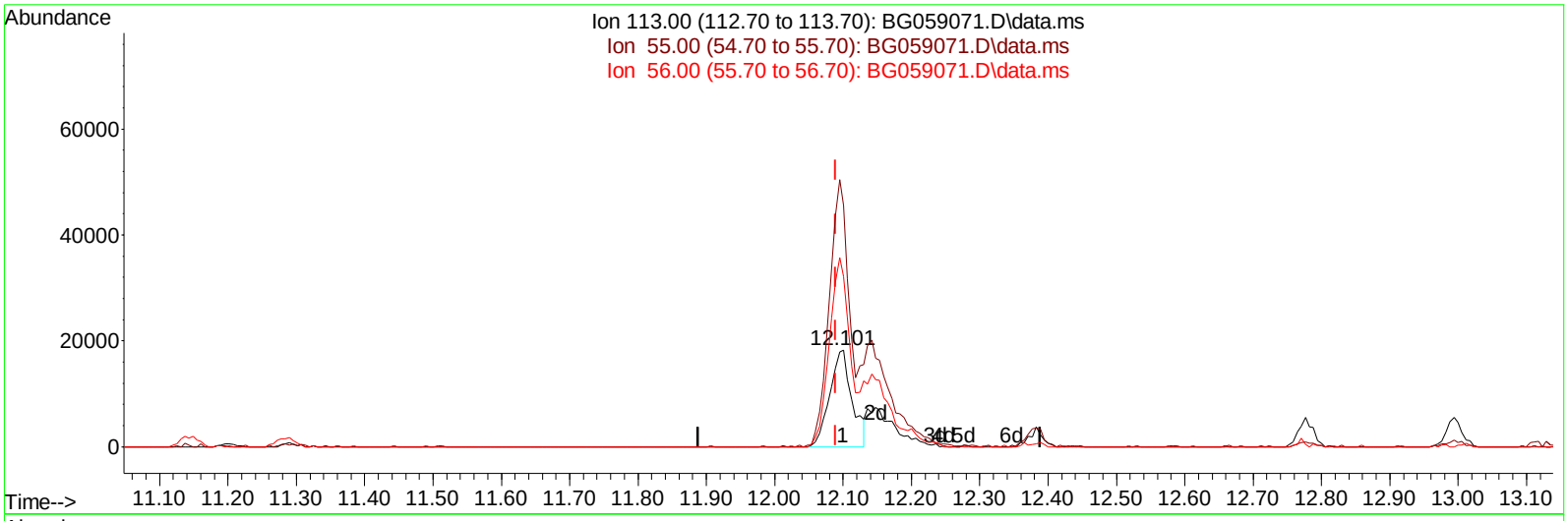
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091523\
Data File : BG059071.D
Acq On : 15 Sep 2023 14:54
Operator : MA/JU
Sample : SSTD04022
Misc :
ALS Vial : 5 Sample Multiplier: 1

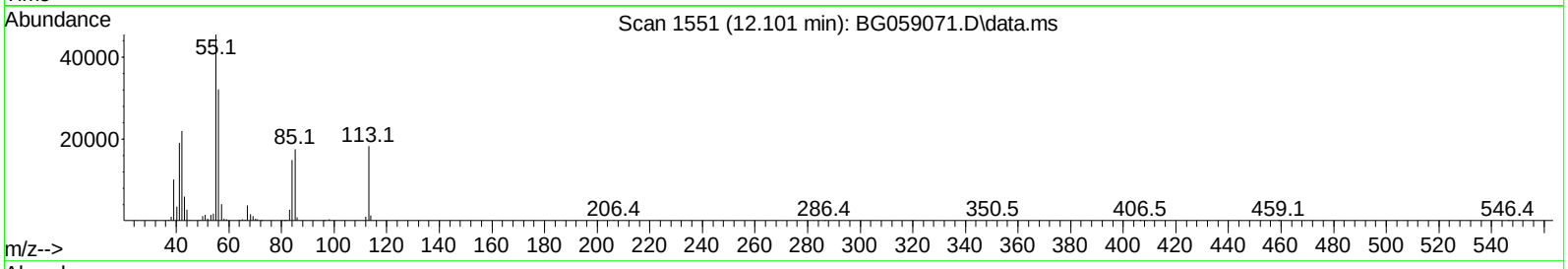
Quant Time: Sep 16 00:12:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 16 00:10:16 2023
Response via : Initial Calibration

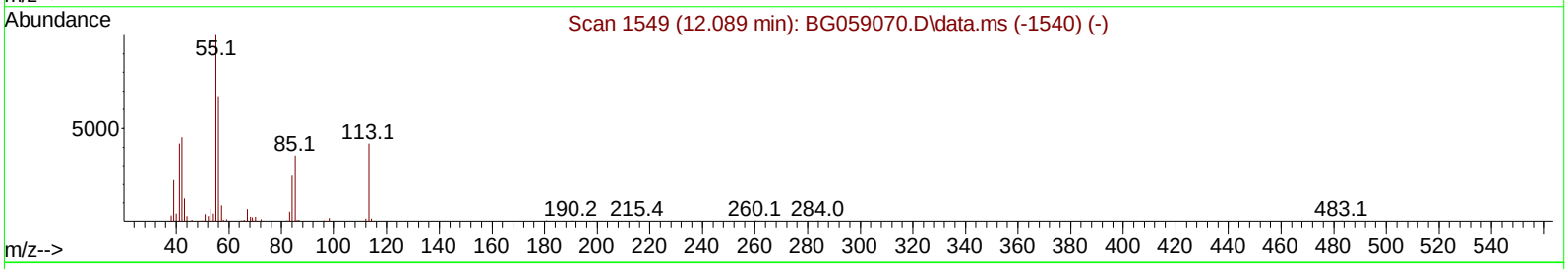
Instrument :
BNA_G
ClientSampleId :
SSTD040424

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/18/2023
Supervised By :mohammad ahmed 09/18/2023







TIC: BG059071.D\data.ms

(34) Caprolactam

12.101min (+ 0.012) 27.68 ng/ul

response 41315

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	239.20	249.28
56.00	161.00	175.80
0.00	0.00	0.00

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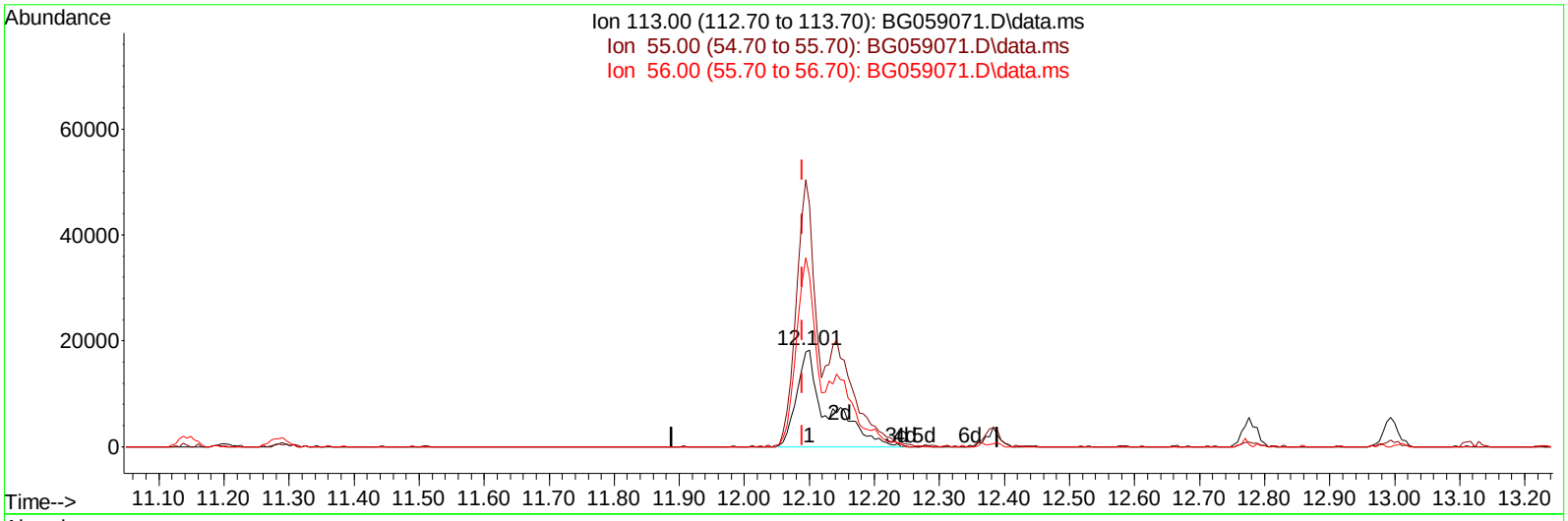

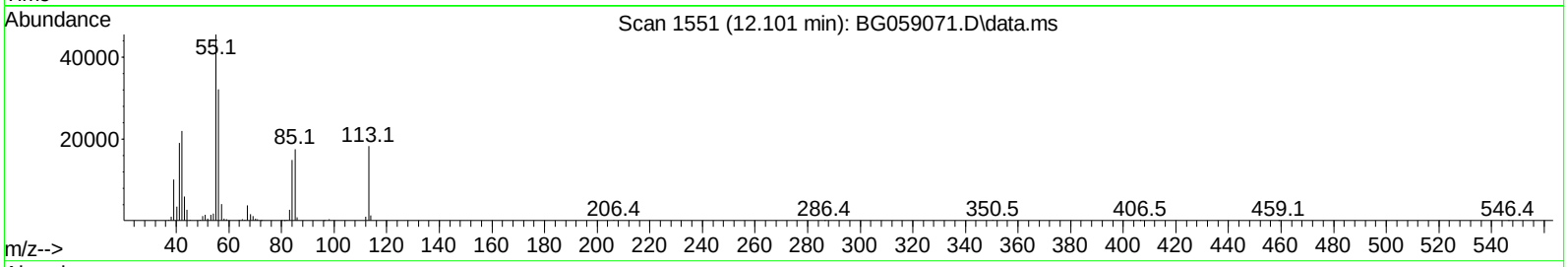

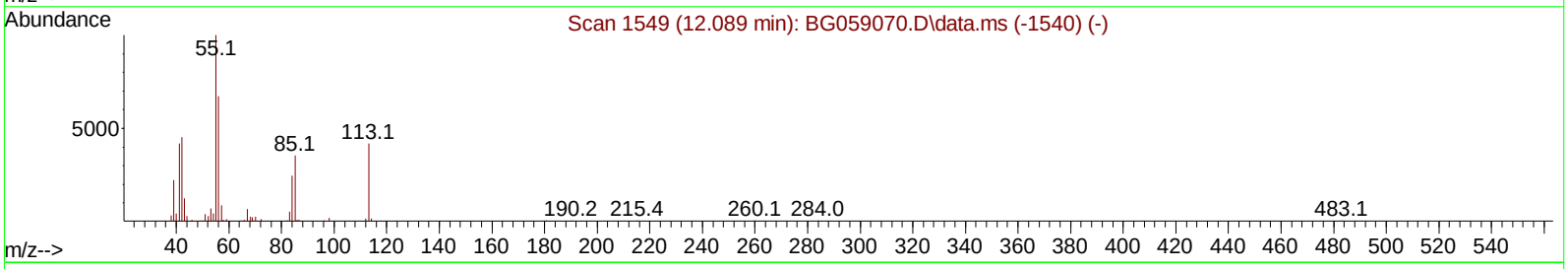

TIC: BG059071.D\data.ms

(34) Caprolactam

12.101min (+ 0.012) 41.48 ng/ul m

response 61920

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	239.20	249.28
56.00	161.00	175.80
0.00	0.00	0.00

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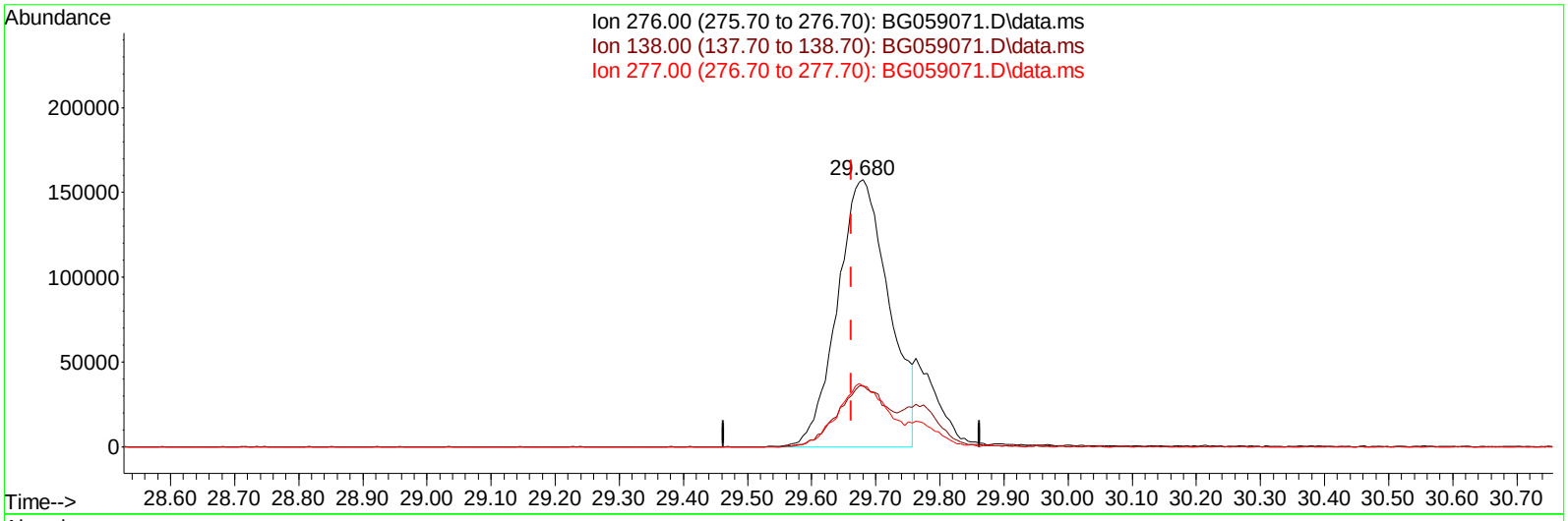

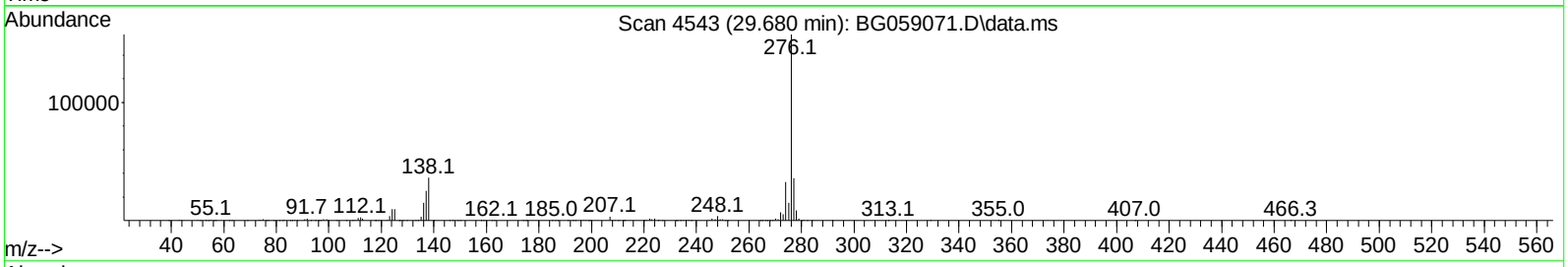

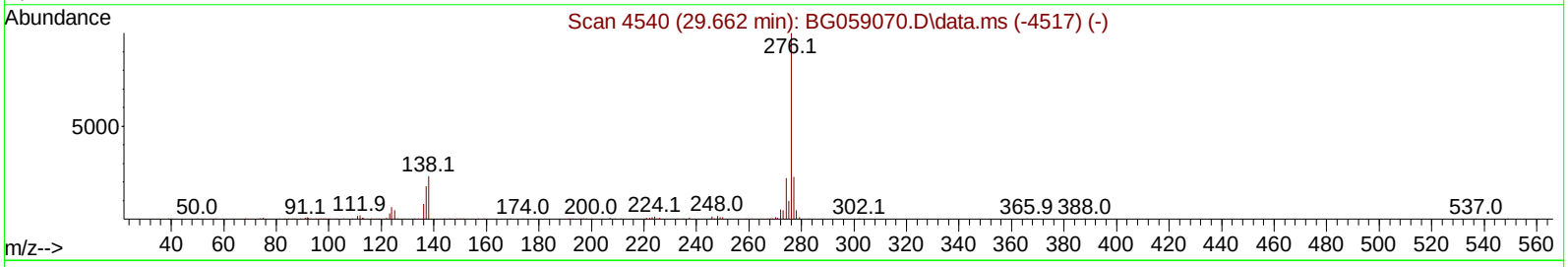

TIC: BG059071.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.680min (+ 0.018) 35.01 ng/ul

response 876918

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.90	22.98
277.00	22.90	22.65
0.00	0.00	0.00

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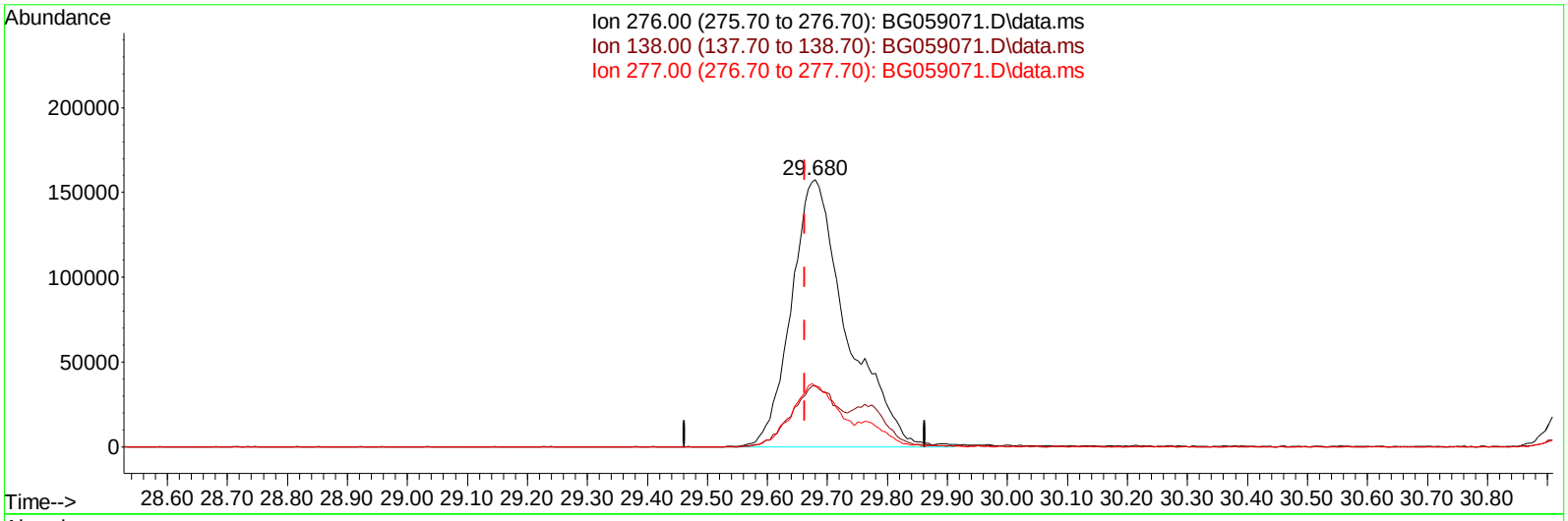

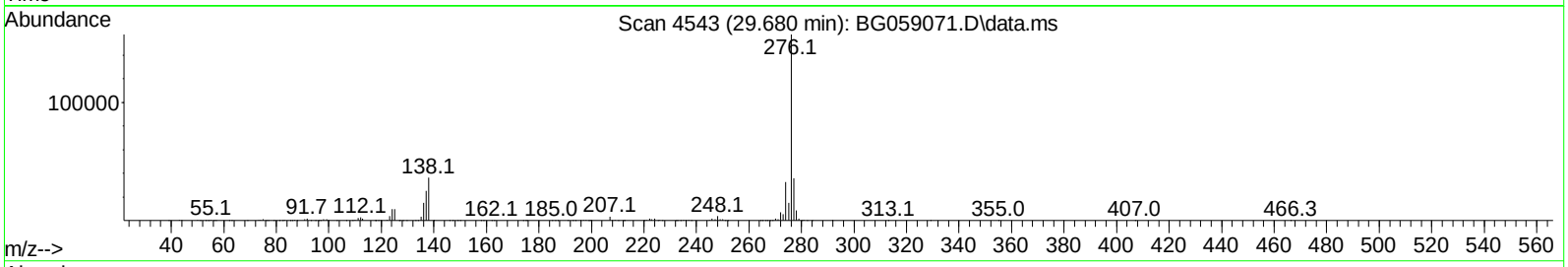

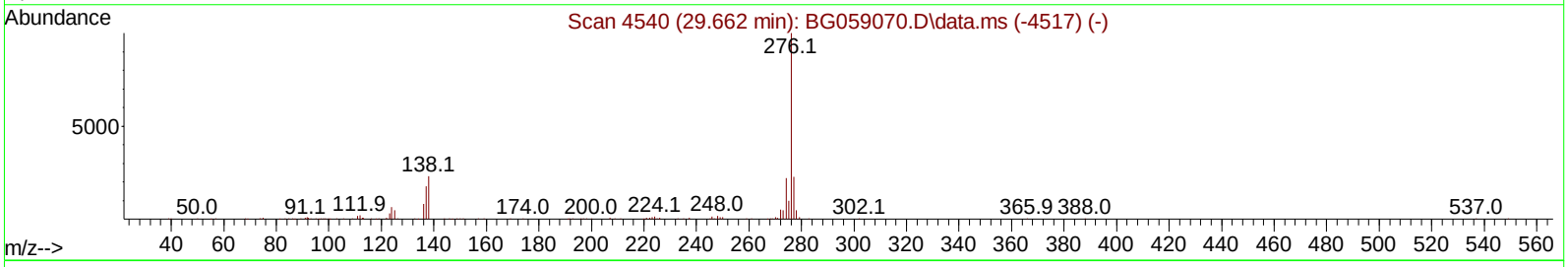

TIC: BG059071.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.680min (+ 0.018) 40.48 ng/ul m

response 1013864

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.90	22.98
277.00	22.90	22.65
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/18/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	46246	20.000	ng/ul	0.00
20) Naphthalene-d8	11.143	136	237405	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.933	164	163969	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.682	188	368679	20.000	ng/ul	0.00
79) Chrysene-d12	22.007	240	319789	20.000	ng/ul	0.00
88) Perylene-d12	25.561	264	368671	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	18698	17.749	ng/uL	0.00
4) Pyridine-d5	4.040	84	153696	50.076	ng/ul	0.00
7) Phenol-d5	7.412	99	193367	40.313	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.618	67	115956	41.978	ng/ul	0.00
11) 2-Chlorophenol-d4	7.812	132	141799	44.094	ng/ul	0.00
15) 4-Methylphenol-d8	8.987	113	155190	40.206	ng/ul	0.00
21) Nitrobenzene-d5	9.498	128	78962	43.449	ng/ul	0.00
24) 2-Nitrophenol-d4	10.215	143	84686	39.575	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.738	165	153083	36.888	ng/ul	0.00
31) 4-Chloroaniline-d4	11.290	131	237959	41.923	ng/ul	0.00
46) Dimethylphthalate-d6	14.327	166	527970	40.017	ng/ul	0.00
49) Acenaphthylene-d8	14.633	160	564008	39.779	ng/ul	0.00
54) 4-Nitrophenol-d4	15.109	143	103594	45.132	ng/ul	0.01
60) Fluorene-d10	15.920	176	442311	37.347	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.031	200	87997	40.869	ng/ul	0.01
73) Anthracene-d10	17.782	188	676806	40.381	ng/ul	0.00
81) Pyrene-d10	20.056	212	744674	41.820	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.309	264	744513	40.668	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.646	88	21487	15.693	ng/uL	89
5) Pyridine	4.063	79	155426	48.808	ng/ul	95
6) Benzaldehyde	7.441	77	112080	42.451	ng/ul#	84
8) Phenol	7.441	94	194784	37.908	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.718	93	152033	42.405	ng/ul	92
12) 2-Chlorophenol	7.847	128	147797	44.988	ng/ul	99
13) 2-Methylphenol	8.716	108	162063	40.670	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.810	45	319972	63.949	ng/ul#	98
16) Acetophenone	9.145	105	251387	38.790	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.110	70	123576	36.387	ng/ul	96
18) 4-Methylphenol	9.051	108	178433	40.613	ng/ul	96
19) Hexachloroethane	9.386	117	53649	38.998	ng/ul	94
22) Nitrobenzene	9.545	77	178204	34.586	ng/ul	96
23) Isophorone	10.050	82	395405	35.001	ng/ul	97
25) 2-Nitrophenol	10.250	139	90083	41.567	ng/ul	95
26) 2,4-Dimethylphenol	10.268	107	180275	35.802	ng/ul	88
27) Bis(2-Chloroethoxy)met...	10.532	93	221468	39.000	ng/ul#	90
29) 2,4-Dichlorophenol	10.767	162	152174	39.894	ng/ul	99
30) Naphthalene	11.196	128	524383	42.435	ng/ul	97
32) 4-Chloroaniline	11.313	127	233188	42.652	ng/ul	99
33) Hexachlorobutadiene	11.425	225	85677	29.929	ng/ul	94
34) Caprolactam	12.101	113	61920m	41.480	ng/ul	
35) 4-Chloro-3-methylphenol	12.383	107	185198	36.658	ng/ul	93

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/18/2023
Supervised By :mohammad ahmed 09/18/2023

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.776	142	359409	39.398 ng/ul	96
37) 1-Methylnaphthalene	12.994	142	366231	39.015 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.117	216	172528	34.074 ng/ul	95
40) Hexachlorocyclopentadiene	13.076	237	106217	29.953 ng/ul	97
41) 2,4,6-Trichlorophenol	13.358	196	133786	38.419 ng/ul	94
42) 2,4,5-Trichlorophenol	13.429	196	140514	37.692 ng/ul	97
43) 1,1'-Biphenyl	13.769	154	478101	40.049 ng/ul	96
44) 2-Chloronaphthalene	13.822	162	403063	43.187 ng/ul	97
45) 2-Nitroaniline	14.034	65	143310	43.858 ng/ul	97
47) Dimethylphthalate	14.374	163	518635	40.743 ng/ul	98
48) 2,6-Dinitrotoluene	14.515	165	107851	40.523 ng/ul	98
50) Acenaphthylene	14.662	152	668801	42.715 ng/ul	99
51) 3-Nitroaniline	14.856	138	114027	46.926 ng/ul	92
52) Acenaphthene	14.997	153	426048	40.665 ng/ul	97
53) 2,4-Dinitrophenol	15.050	184	57727	36.068 ng/ul	94
55) 4-Nitrophenol	15.121	109	77248	29.062 ng/ul	91
56) Dibenzofuran	15.326	168	610651	39.658 ng/ul	99
57) 2,4-Dinitrotoluene	15.297	165	154358	40.734 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.532	232	124436	33.326 ng/ul	96
59) Diethylphthalate	15.720	149	524710	40.472 ng/ul	99
61) Fluorene	15.973	166	522162	40.159 ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.961	204	234046	33.900 ng/ul	95
63) 4-Nitroaniline	16.020	138	109696	48.072 ng/ul	96
66) 4,6-Dinitro-2-methylph...	16.043	198	95630	41.095 ng/ul	91
67) N-Nitrosodiphenylamine	16.178	169	439263	45.292 ng/ul	97
68) 4-Bromophenyl-phenylether	16.854	248	147295	35.542 ng/ul	98
69) Hexachlorobenzene	16.948	284	162423	35.637 ng/ul	95
70) Atrazine	17.112	200	158889	39.723 ng/ul	98
71) Pentachlorophenol	17.300	266	107464	36.901 ng/ul	92
72) Phenanthrene	17.723	178	822613	43.770 ng/ul	99
74) Anthracene	17.817	178	858077	44.191 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.728	216	181470	38.168 ng/uL	98
76) Pentachlorobenzene	15.221	250	175975	35.955 ng/uL	97
77) Carbazole	18.094	167	797406	49.191 ng/ul	99
78) Di-n-butylphthalate	18.599	149	949424	48.264 ng/ul	99
80) Fluoranthene	19.721	202	935830	46.807 ng/ul	99
82) Pyrene	20.085	202	968552	44.890 ng/ul	97
83) Butylbenzylphthalate	20.943	149	402781	50.928 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.895	252	326918	44.687 ng/ul	99
85) Benzo(a)anthracene	21.983	228	926512	42.248 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.819	149	611161	52.543 ng/ul#	96
87) Chrysene	22.060	228	863856	42.870 ng/ul	99
89) Di-n-octyl phthalate	23.147	149	1046681	54.054 ng/ul	100
90) Benzo(b)fluoranthene	24.410	252	947055	43.530 ng/ul	100
91) Benzo(k)fluoranthene	24.492	252	943350	42.198 ng/ul	99
93) Benzo(a)pyrene	25.397	252	885456	43.039 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.680	276	1013864m	40.475 ng/ul	
95) Dibenzo(a,h)anthracene	29.768	278	808039	40.349 ng/ul	97
96) Benzo(g,h,i)perylene	30.990	276	805141	39.949 ng/ul	98

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

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