Quantitation Report (Qedit)

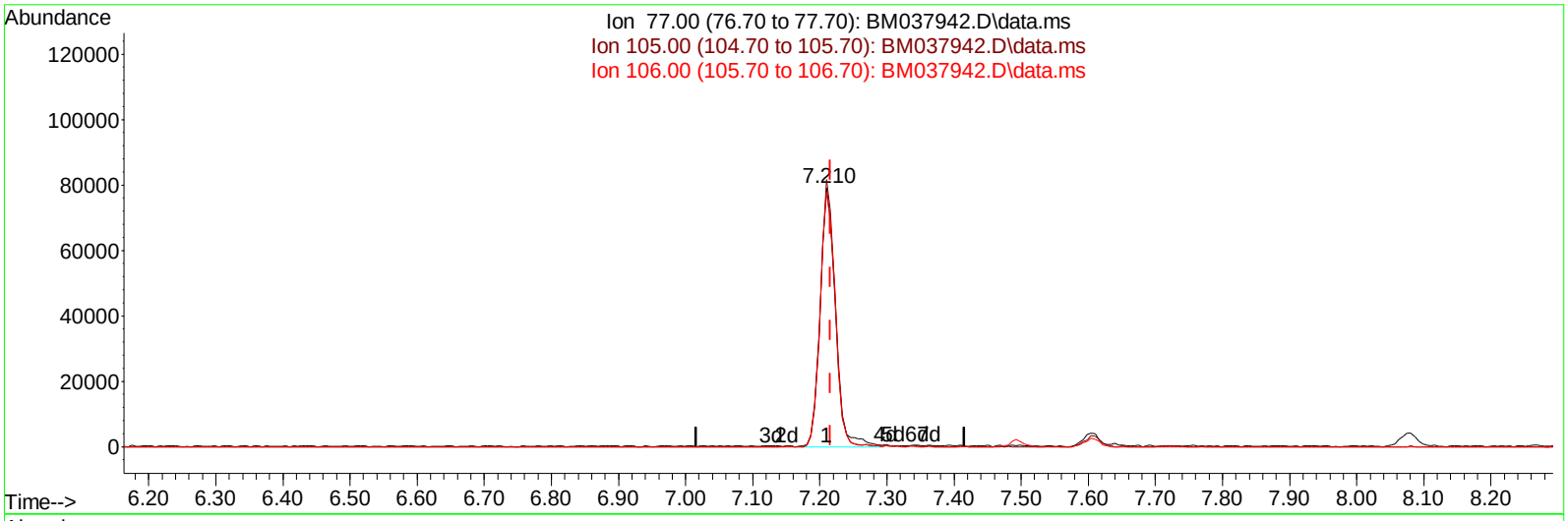
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037942.D
Acq On : 10 Dec 2022 20:19
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

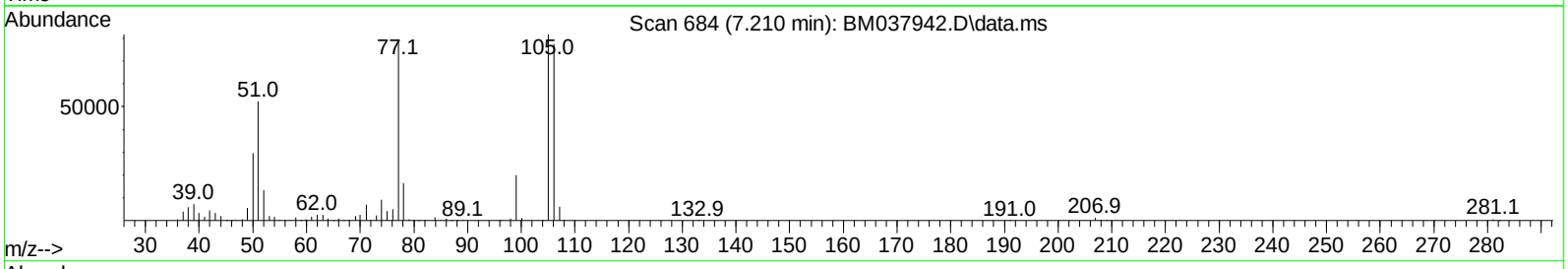
Quant Time: Dec 11 23:36:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

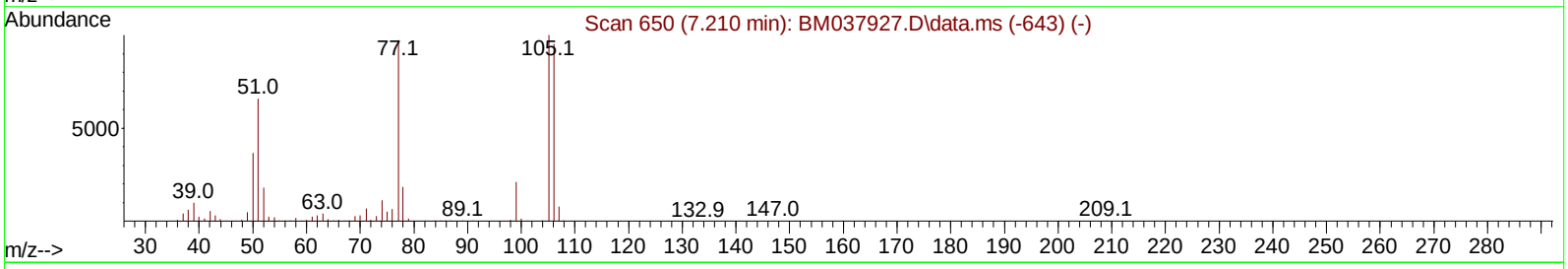
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022







TIC: BM037942.D\data.ms

(6) Benzaldehyde

7.210min (-0.006) 18.88 ng/ul

response 126886

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	103.10	102.99
106.00	102.20	97.87
0.00	0.00	0.00

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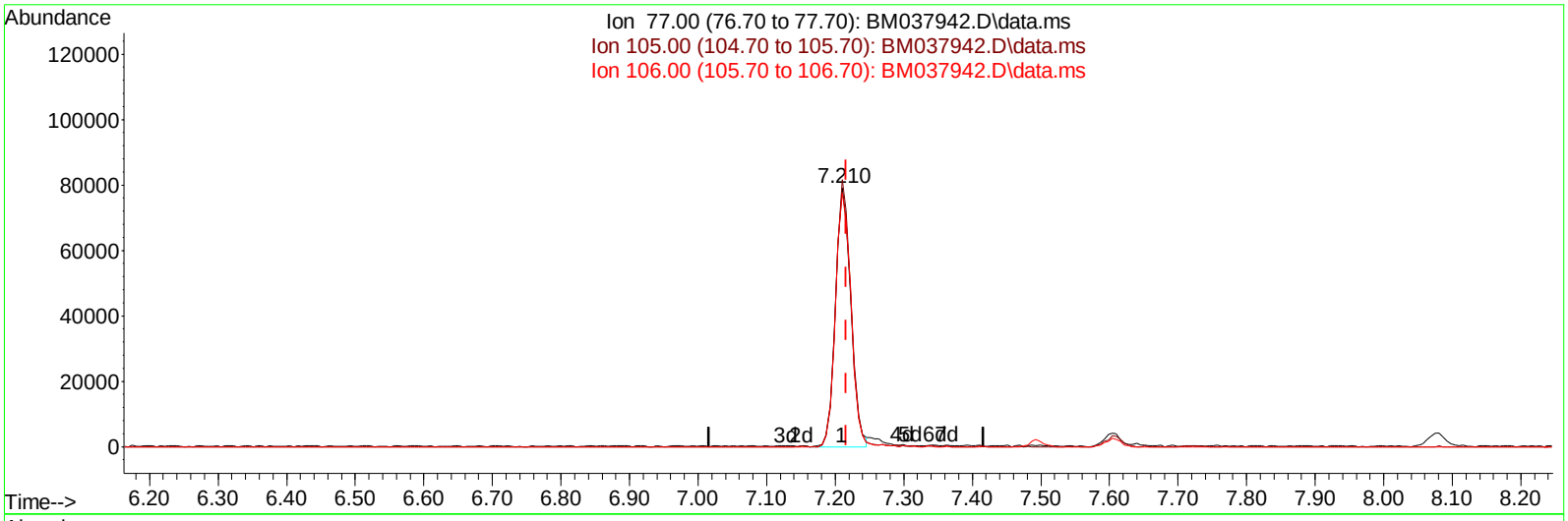

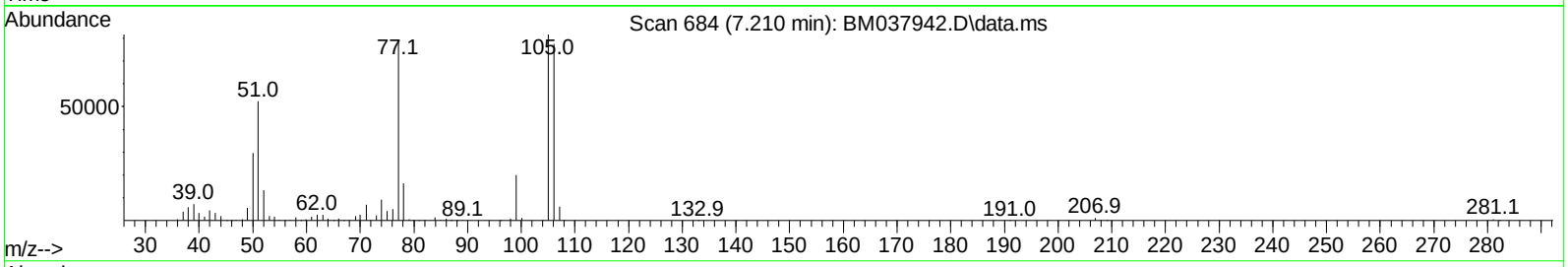

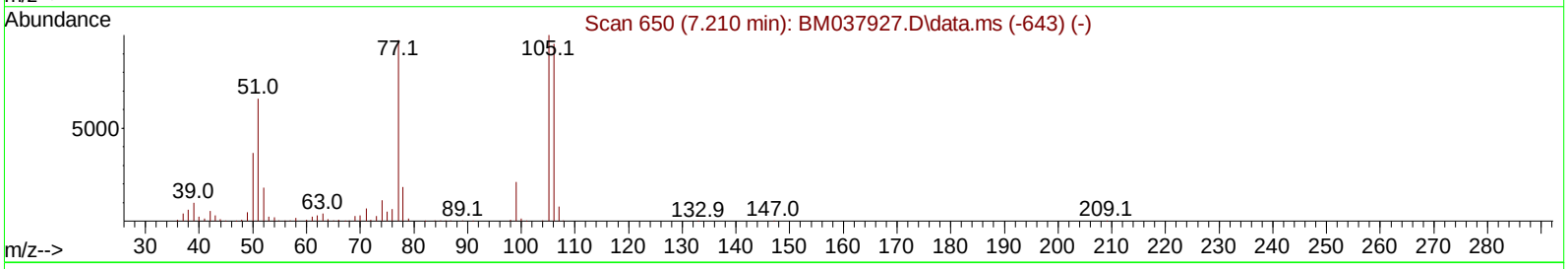

TIC: BM037942.D\data.ms

(6) Benzaldehyde

7.210min (-0.006) 18.25 ng/ul m

response 122665

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	103.10	102.99
106.00	102.20	97.87
0.00	0.00	0.00

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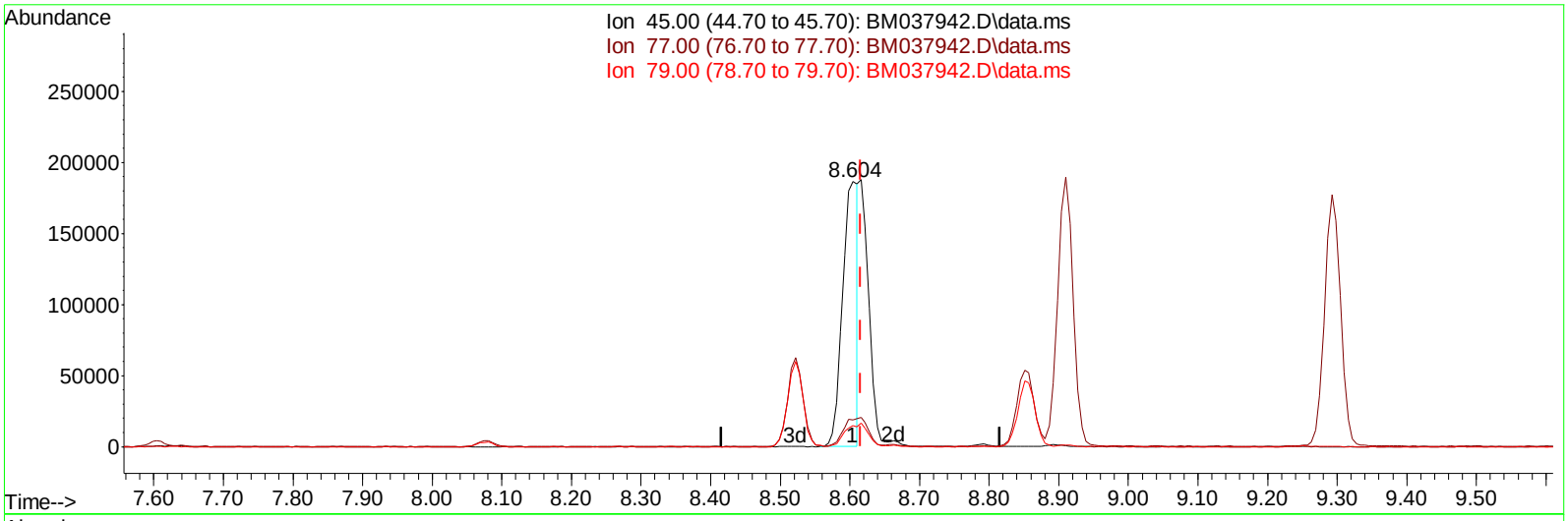

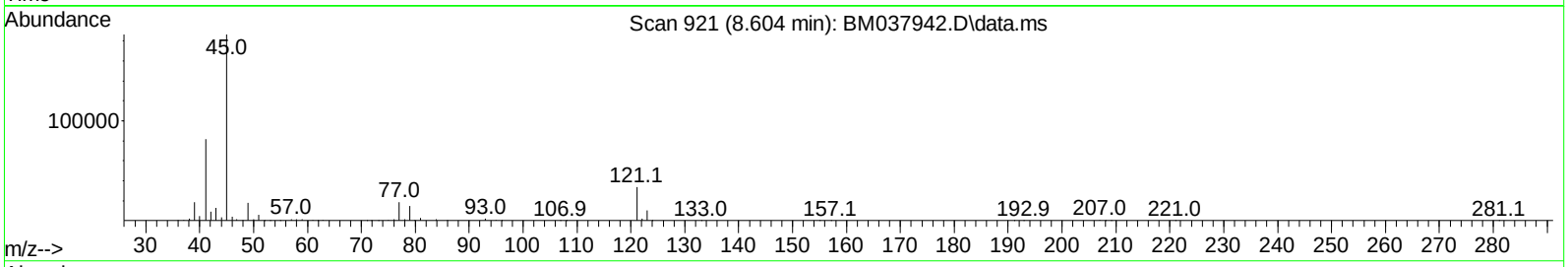

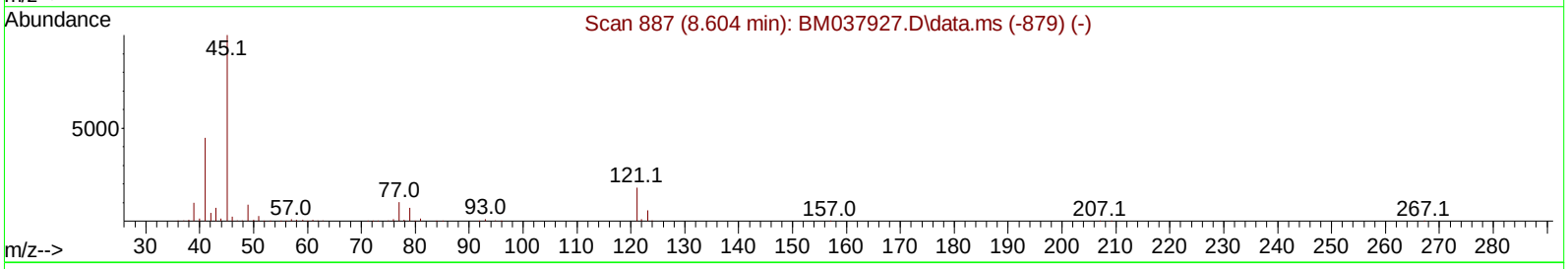

TIC: BM037942.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.604min (-0.012) 10.67 ng/ul

response 285161

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	11.20	10.02
79.00	7.80	7.99
0.00	0.00	0.00

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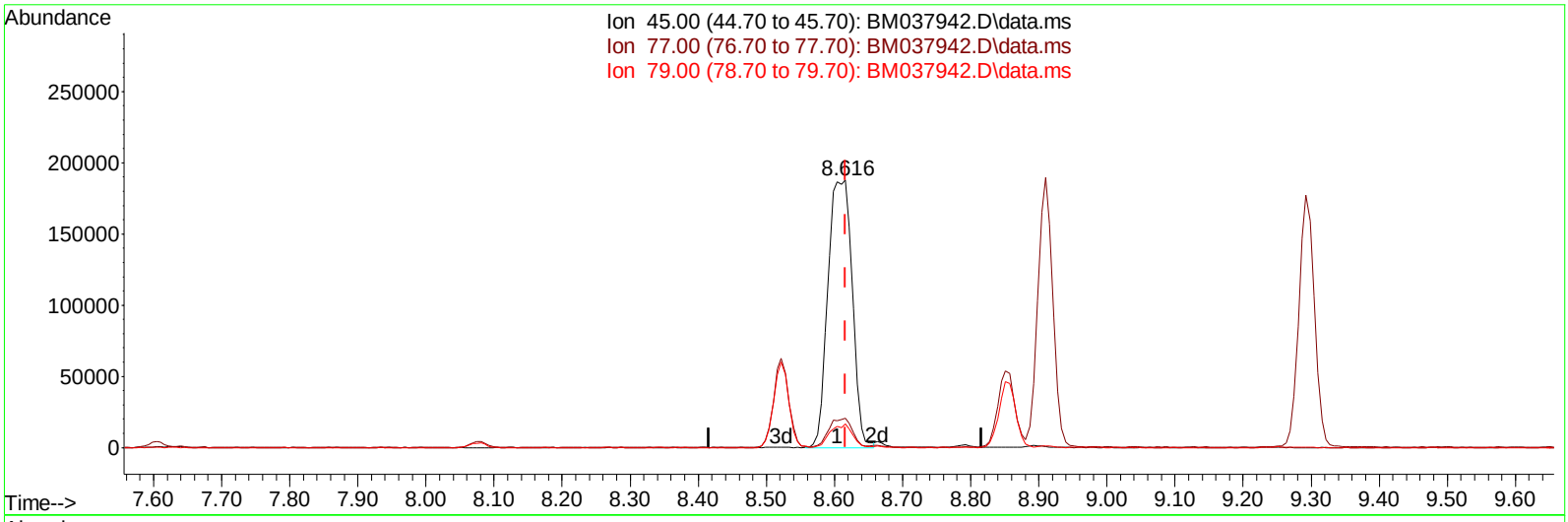

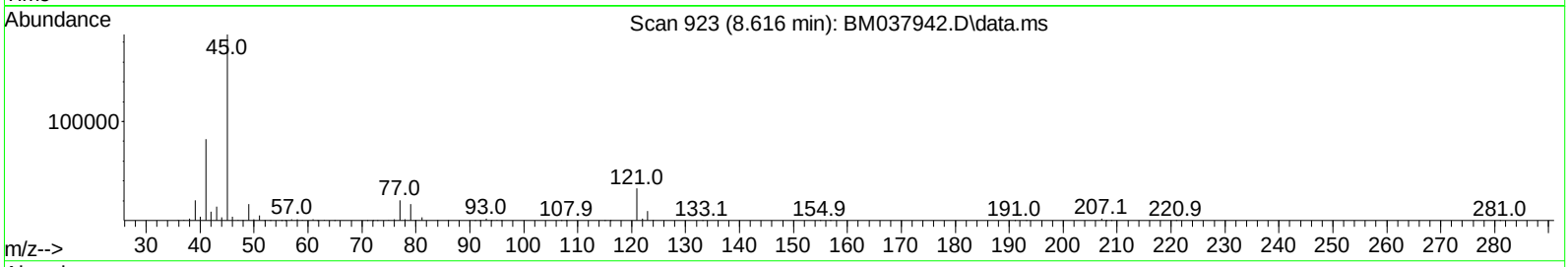

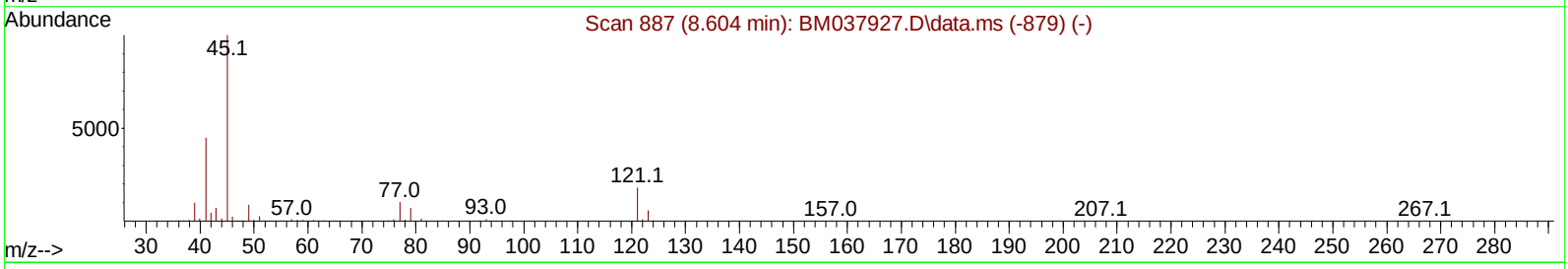

TIC: BM037942.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.616min (-0.000) 17.43 ng/ul m

response 465818

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	11.20	11.02
79.00	7.80	8.78
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	221159	20.000	ng/ul	0.00
20) Naphthalene-d8	10.898	136	849833	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	464277	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	925290	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	915069	20.000	ng/ul	0.00
88) Perylene-d12	24.097	264	990868	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	39278	8.064	ng/uL	0.00
4) Pyridine-d5	3.857	84	255997	17.717	ng/ul	0.00
7) Phenol-d5	7.234	99	317000	17.639	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.398	67	194390	17.764	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	279694	18.972	ng/ul	0.00
15) 4-Methylphenol-d8	8.792	113	245362	17.490	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	132932	19.756	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	139247	19.748	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	257446	19.222	ng/ul	0.00
31) 4-Chloroaniline-d4	11.033	131	330539	17.879	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	652243	19.705	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	795717	19.670	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	100028	17.732	ng/ul	0.00
60) Fluorene-d10	15.692	176	571636	19.384	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	81409	16.456	ng/ul	0.00
73) Anthracene-d10	17.545	188	840184	19.456	ng/ul	0.00
81) Pyrene-d10	19.827	212	979777	17.824	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	983027	19.862	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.457	88	38642	7.563	ng/uL	98
5) Pyridine	3.875	79	261153	17.985	ng/ul	99
6) Benzaldehyde	7.210	77	122665m	18.249	ng/ul	
8) Phenol	7.257	94	319270	17.713	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.492	93	267336	18.062	ng/ul	98
12) 2-Chlorophenol	7.640	128	279490	18.537	ng/ul	99
13) 2-Methylphenol	8.522	108	244085	17.696	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.616	45	465818m	17.430	ng/ul	
16) Acetophenone	8.910	105	390313	17.691	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.892	70	188697	18.155	ng/ul	97
18) 4-Methylphenol	8.851	108	259256	17.375	ng/ul	98
19) Hexachloroethane	9.169	117	114210	18.948	ng/ul	97
22) Nitrobenzene	9.292	77	281771	19.462	ng/ul	96
23) Isophorone	9.822	82	505615	19.058	ng/ul	98
25) 2-Nitrophenol	10.010	139	147247	19.918	ng/ul	98
26) 2,4-Dimethylphenol	10.063	107	276369	19.332	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.304	93	333893	18.933	ng/ul	99
29) 2,4-Dichlorophenol	10.539	162	248740	18.929	ng/ul	97
30) Naphthalene	10.951	128	890927	19.427	ng/ul	99
32) 4-Chloroaniline	11.057	127	331335	17.972	ng/ul	98
33) Hexachlorobutadiene	11.228	225	182062	21.061	ng/ul	98
34) Caprolactam	11.839	113	60380	17.913	ng/ul	97
35) 4-Chloro-3-methylphenol	12.169	107	220550	18.439	ng/ul	94

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/12/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.545	142	558097	18.762	ng/ul	96
37) 1-Methylnaphthalene	12.763	142	571123	18.777	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.910	216	309784	20.421	ng/ul	98
40) Hexachlorocyclopentadiene	12.886	237	106280	12.247	ng/ul	98
41) 2,4,6-Trichlorophenol	13.151	196	183839	19.896	ng/ul	97
42) 2,4,5-Trichlorophenol	13.222	196	185983	19.299	ng/ul	98
43) 1,1'-Biphenyl	13.545	154	728159	19.512	ng/ul	100
44) 2-Chloronaphthalene	13.592	162	571829	19.863	ng/ul	96
45) 2-Nitroaniline	13.792	65	133680	19.271	ng/ul	98
47) Dimethylphthalate	14.163	163	643640	19.709	ng/ul	99
48) 2,6-Dinitrotoluene	14.286	165	124537	19.633	ng/ul	99
50) Acenaphthylene	14.433	152	869811	19.554	ng/ul	99
51) 3-Nitroaniline	14.616	138	110247	17.420	ng/ul	99
52) Acenaphthene	14.774	153	595176	19.344	ng/ul	99
53) 2,4-Dinitrophenol	14.821	184	49381	15.864	ng/ul	99
55) 4-Nitrophenol	14.916	109	75055	20.175	ng/ul	98
56) Dibenzofuran	15.104	168	809469	19.270	ng/ul	100
57) 2,4-Dinitrotoluene	15.068	165	171409	19.953	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.327	232	164279	20.266	ng/ul	99
59) Diethylphthalate	15.516	149	627902	19.300	ng/ul	100
61) Fluorene	15.751	166	664303	19.392	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.739	204	332139	19.839	ng/ul	96
63) 4-Nitroaniline	15.774	138	110250	19.212	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.827	198	81964	17.114	ng/ul#	97
67) N-Nitrosodiphenylamine	15.951	169	527003	18.881	ng/ul	99
68) 4-Bromophenyl-phenylether	16.633	248	195236	19.248	ng/ul	98
69) Hexachlorobenzene	16.751	284	239332	19.767	ng/ul	98
70) Atrazine	16.898	200	172715	18.108	ng/ul	99
71) Pentachlorophenol	17.098	266	126912	18.853	ng/ul	97
72) Phenanthrene	17.492	178	975217	19.300	ng/ul	99
74) Anthracene	17.580	178	1004394	19.559	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.516	216	299002	19.988	ng/uL	98
76) Pentachlorobenzene	15.021	250	291061	19.642	ng/uL	99
77) Carbazole	17.851	167	882399	19.834	ng/ul	100
78) Di-n-butylphthalate	18.398	149	1032237	19.519	ng/ul	99
80) Fluoranthene	19.498	202	1127022	17.373	ng/ul	97
82) Pyrene	19.856	202	1205515	17.855	ng/ul	99
83) Butylbenzylphthalate	20.739	149	443550	17.667	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.533	252	350642	19.365	ng/ul	98
85) Benzo(a)anthracene	21.603	228	1216731	19.750	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.509	149	672324	18.408	ng/ul	99
87) Chrysene	21.656	228	1124985	19.463	ng/ul	100
89) Di-n-octyl phthalate	22.456	149	1141511	17.979	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	1228924	20.005	ng/ul	99
91) Benzo(k)fluoranthene	23.386	252	1191294	20.010	ng/ul	99
93) Benzo(a)pyrene	23.986	252	1082968	20.048	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.691	276	1353290	19.452	ng/ul	98
95) Dibenzo(a,h)anthracene	26.709	278	1150833	19.622	ng/ul	98
96) Benzo(g,h,i)perylene	27.497	276	1047436	18.857	ng/ul	96

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

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