Quantitation Report (Qedit)

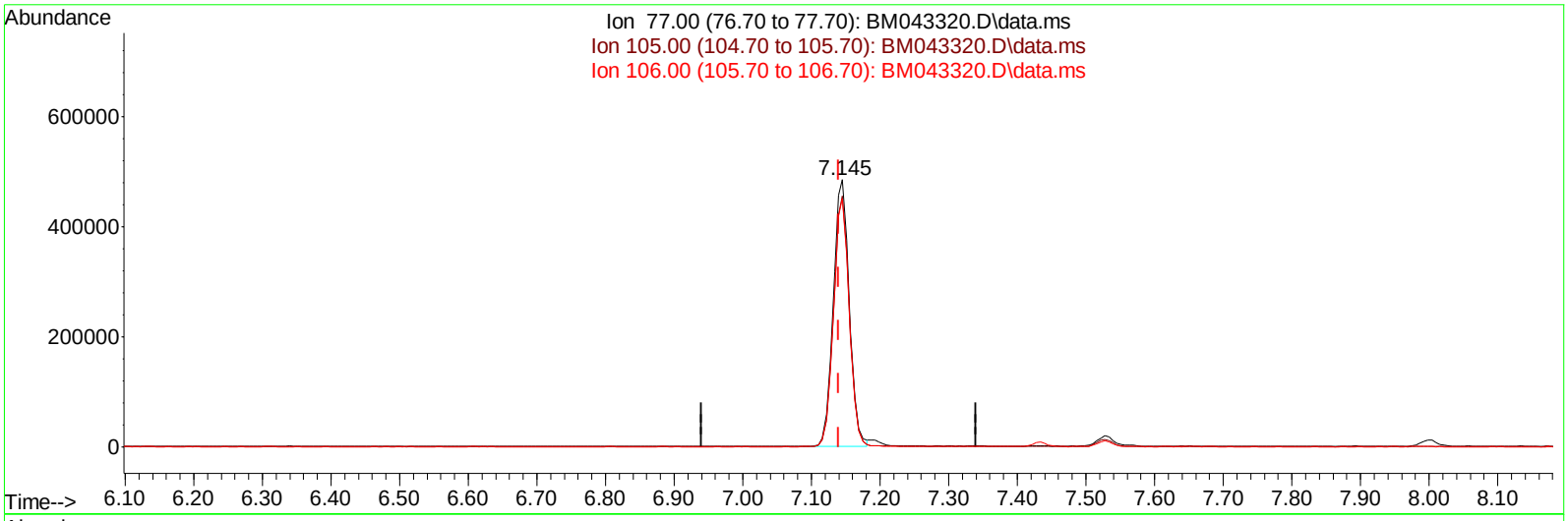
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043320.D
Acq On : 14 Dec 2023 02:24
Operator : MA/JU
Sample : PB157724BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

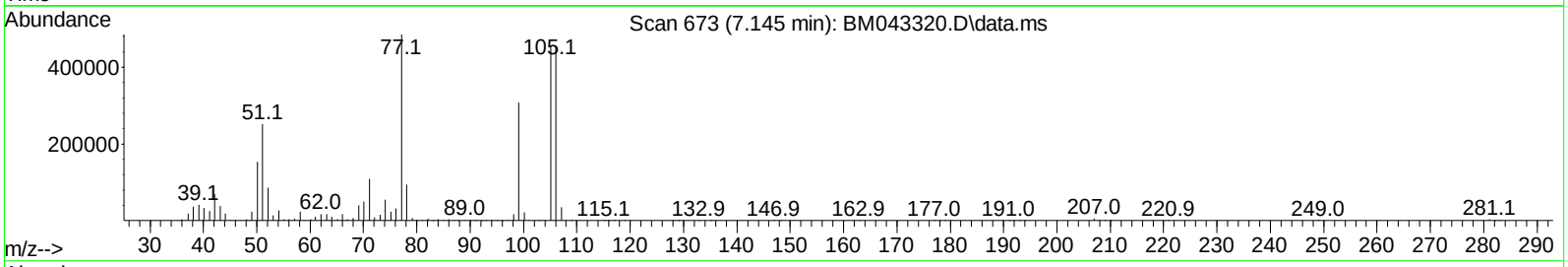
Quant Time: Dec 14 02:55:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 22:33:14 2023
Response via : Initial Calibration

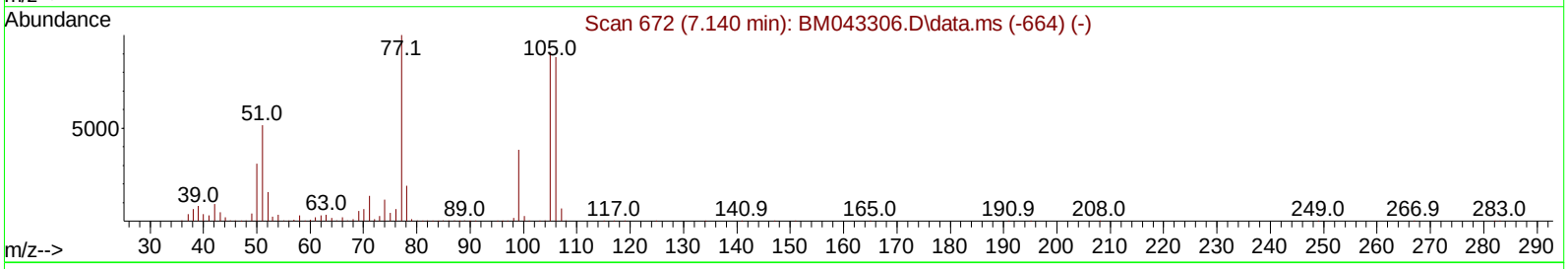
Instrument :
BNA_M
ClientSampleId :
SLCS724

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023







TIC: BM043320.D\data.ms

(6) Benzaldehyde

7.145min (+ 0.006) 30.18 ng/ul

response 782010

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.40	93.90
106.00	93.30	93.11
0.00	0.00	0.00

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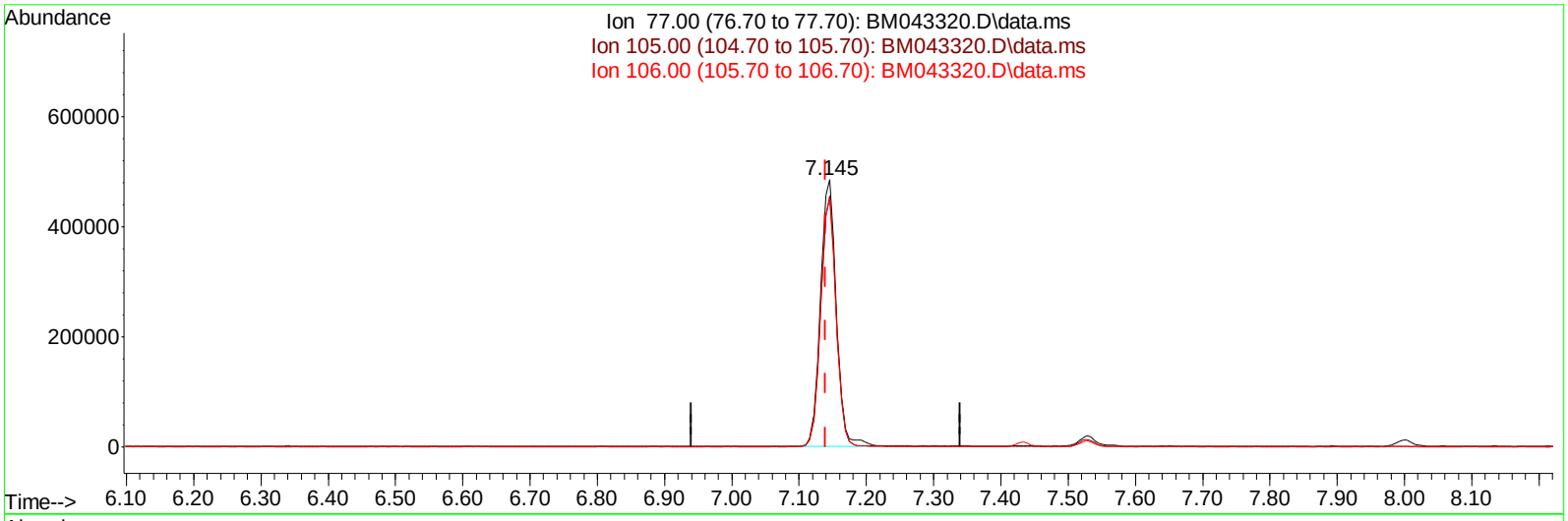

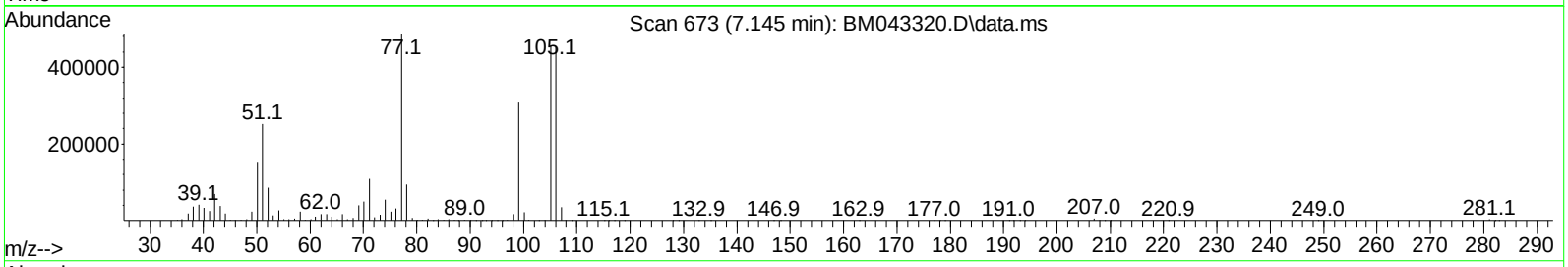

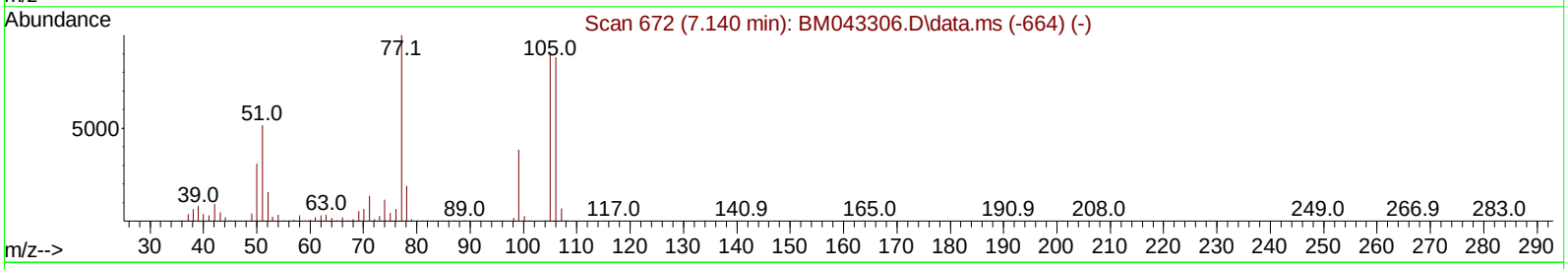

TIC: BM043320.D\data.ms

(6) Benzaldehyde

7.145min (+ 0.006) 30.82 ng/ul m

response 798659

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.40	93.90
106.00	93.30	93.11
0.00	0.00	0.00

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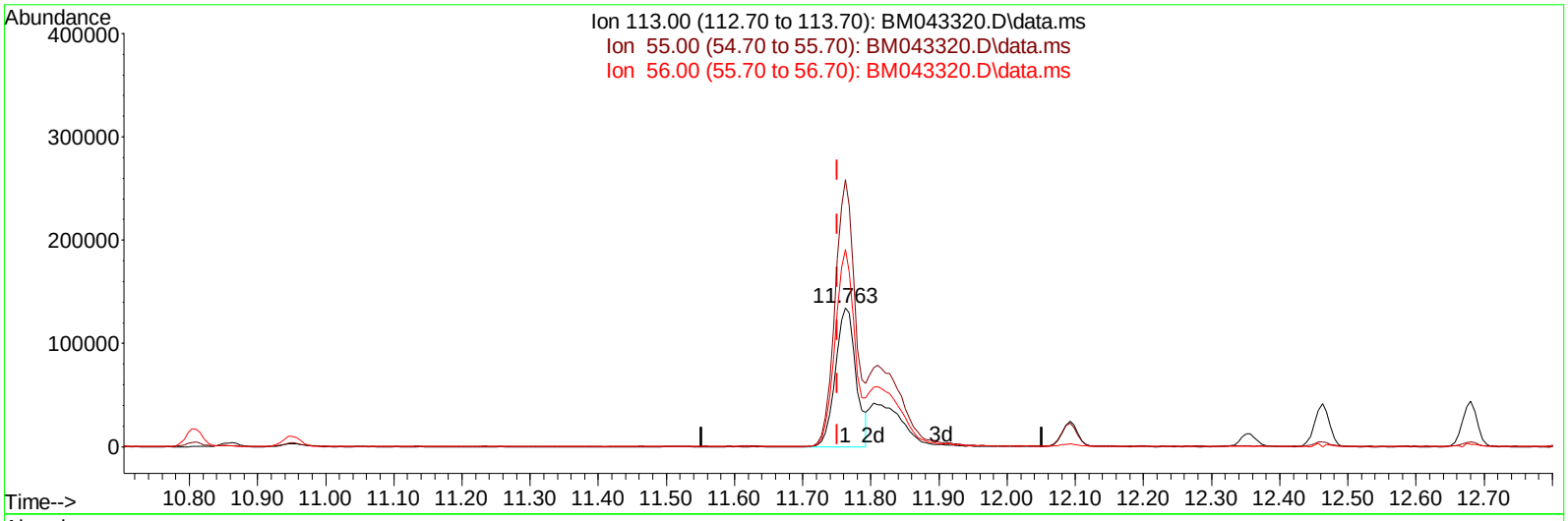

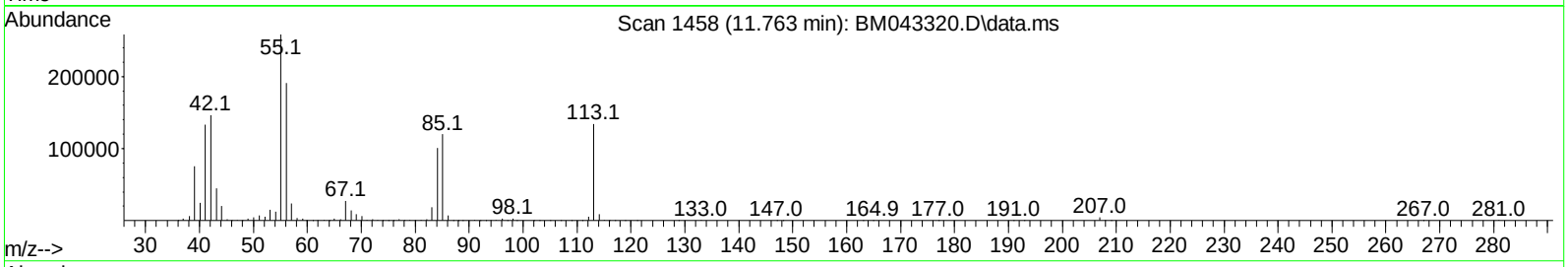

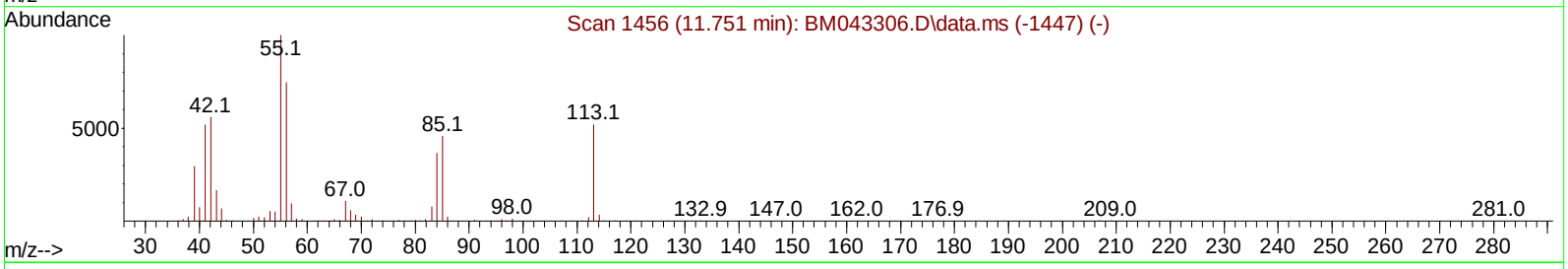

TIC: BM043320.D\data.ms

(34) Caprolactam

11.763min (+ 0.012) 22.85 ng/ul

response 282002

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	174.40	192.15
56.00	129.40	142.08
0.00	0.00	0.00

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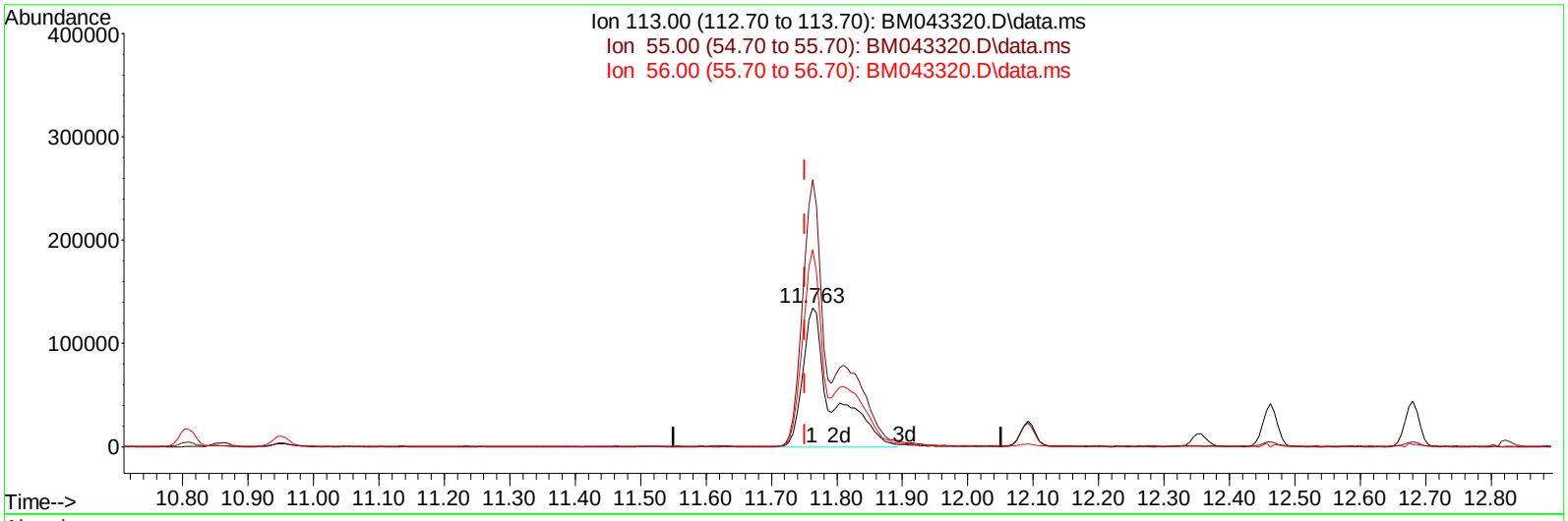

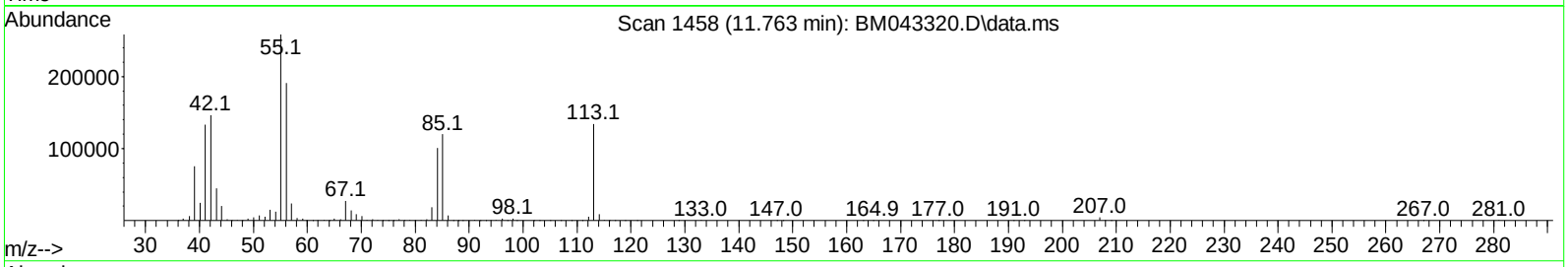

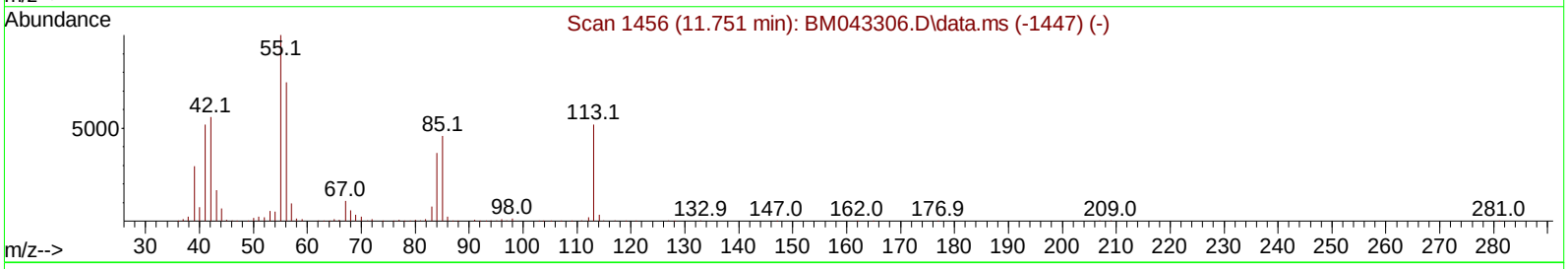

TIC: BM043320.D\data.ms

(34) Caprolactam

11.763min (+ 0.012) 34.17 ng/ul m

response 421709

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	174.40	192.15
56.00	129.40	142.08
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/14/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	507157	20.000	ng/ul	0.00
20) Naphthalene-d8	10.810	136	2334349	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.627	164	1340795	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	2555494	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.538	240	1709499	20.000	ng/ul	# 0.00
88) Perylene-d12	23.956	264	1520182	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.398	96	68232	5.280	ng/uL	0.00
4) Pyridine-d5	3.816	84	1072657	27.976	ng/ul	0.00
7) Phenol-d5	7.163	99	1488358	29.560	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.339	67	927779	29.766	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	1121033	29.206	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	1162101	29.174	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	581999	29.251	ng/ul	0.00
24) 2-Nitrophenol-d4	9.892	143	617508	32.185	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.427	165	1118057	26.145	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	1577015	25.629	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	3073168	26.147	ng/ul	0.00
49) Acenaphthylene-d8	14.321	160	3737894	27.489	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	612214	29.069	ng/ul	0.00
60) Fluorene-d10	15.615	176	2595900	25.337	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	291901	20.754	ng/ul	0.00
73) Anthracene-d10	17.468	188	3672266	26.562	ng/ul	0.00
81) Pyrene-d10	19.750	212	3674736	33.595	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.803	264	2484951	28.014	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	149177	10.510	ng/uL	94
5) Pyridine	3.834	79	1188814	30.167	ng/ul	99
6) Benzaldehyde	7.145	77	798659m	30.819	ng/ul	
8) Phenol	7.186	94	1589408	31.919	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.434	93	1248201	31.089	ng/ul	99
12) 2-Chlorophenol	7.563	128	1226869	31.507	ng/ul	99
13) 2-Methylphenol	8.445	108	1203863	31.265	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.528	45	2145866	32.147	ng/ul	99
16) Acetophenone	8.833	105	1879565	29.358	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.822	70	1063688	30.311	ng/ul	98
18) 4-Methylphenol	8.781	108	1313389	31.437	ng/ul	99
19) Hexachloroethane	9.075	117	500300	30.311	ng/ul	82
22) Nitrobenzene	9.216	77	1513150	31.630	ng/ul	99
23) Isophorone	9.745	82	2980771	29.242	ng/ul	99
25) 2-Nitrophenol	9.922	139	694862	33.045	ng/ul	95
26) 2,4-Dimethylphenol	9.980	107	1153486	27.978	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.227	93	1762200	29.403	ng/ul	100
29) 2,4-Dichlorophenol	10.457	162	1137584	27.407	ng/ul	96
30) Naphthalene	10.857	128	4038805	28.188	ng/ul	100
32) 4-Chloroaniline	10.974	127	1359295	23.420	ng/ul	100
33) Hexachlorobutadiene	11.127	225	580065	22.429	ng/ul	99
34) Caprolactam	11.763	113	421709m	34.170	ng/ul	
35) 4-Chloro-3-methylphenol	12.092	107	1310124	30.060	ng/ul	97

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/14/2023
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.463	142	2773516	26.905 ng/ul	100
37) 1-Methylnaphthalene	12.680	142	2713729	25.936 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.821	216	1162917	25.636 ng/ul#	96
40) Hexachlorocyclopentadiene	12.792	237	514530	19.990 ng/ul	99
41) 2,4,6-Trichlorophenol	13.068	196	814497	28.855 ng/ul	98
42) 2,4,5-Trichlorophenol	13.133	196	879434	28.625 ng/ul	99
43) 1,1'-Biphenyl	13.468	154	3501446	29.521 ng/ul	98
44) 2-Chloronaphthalene	13.510	162	2694252	29.304 ng/ul	97
45) 2-Nitroaniline	13.721	65	929227	38.246 ng/ul	97
47) Dimethylphthalate	14.098	163	3275744	28.416 ng/ul	100
48) 2,6-Dinitrotoluene	14.221	165	684044	32.207 ng/ul	97
50) Acenaphthylene	14.351	152	4523588	29.434 ng/ul	100
51) 3-Nitroaniline	14.545	138	769781	32.670 ng/ul	93
52) Acenaphthene	14.692	153	2944782	29.049 ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	183641	18.834 ng/ul	88
55) 4-Nitrophenol	14.845	109	497461	32.666 ng/ul	94
56) Dibenzofuran	15.027	168	3849319	27.798 ng/ul	95
57) 2,4-Dinitrotoluene	14.998	165	953286	31.435 ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.245	232	643623	25.204 ng/ul#	87
59) Diethylphthalate	15.451	149	3466838	29.899 ng/ul	98
61) Fluorene	15.674	166	3339161	27.857 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.668	204	1488560	25.136 ng/ul	90
63) 4-Nitroaniline	15.704	138	815438	34.443 ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.757	198	330191	21.470 ng/ul#	90
67) N-Nitrosodiphenylamine	15.886	169	2691813	31.411 ng/ul	100
68) 4-Bromophenyl-phenylether	16.562	248	860456	27.844 ng/ul	94
69) Hexachlorobenzene	16.662	284	975374	26.601 ng/ul#	90
70) Atrazine	16.839	200	556750	23.038 ng/ul	96
71) Pentachlorophenol	17.009	266	526793	24.399 ng/ul	98
72) Phenanthrene	17.409	178	4789812	30.057 ng/ul	99
74) Anthracene	17.503	178	4814384	29.992 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.427	216	1174505	29.051 ng/uL	99
76) Pentachlorobenzene	14.939	250	1139331	27.731 ng/uL	99
77) Carbazole	17.774	167	4471684	33.913 ng/ul	99
78) Di-n-butylphthalate	18.339	149	6089848	35.507 ng/ul	99
80) Fluoranthene	19.415	202	4908565	39.120 ng/ul#	92
82) Pyrene	19.780	202	4977112	38.132 ng/ul	94
83) Butylbenzylphthalate	20.686	149	2570166	49.503 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.456	252	1222865	30.099 ng/ul	99
85) Benzo(a)anthracene	21.521	228	4055804	30.944 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.456	149	3900135	47.587 ng/ul#	99
87) Chrysene	21.574	228	3607800	30.819 ng/ul	100
89) Di-n-octyl phthalate	22.403	149	6141910	58.738 ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	3322807	30.635 ng/ul#	97
91) Benzo(k)fluoranthene	23.268	252	3246667	30.054 ng/ul#	97
93) Benzo(a)pyrene	23.850	252	2973237	29.657 ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.479	276	3555359	31.134 ng/ul#	92
95) Dibenzo(a,h)anthracene	26.503	278	2950795	30.903 ng/ul#	94
96) Benzo(g,h,i)perylene	27.256	276	2793196	32.465 ng/ul#	93

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

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