Quantitation Report (Qedit)

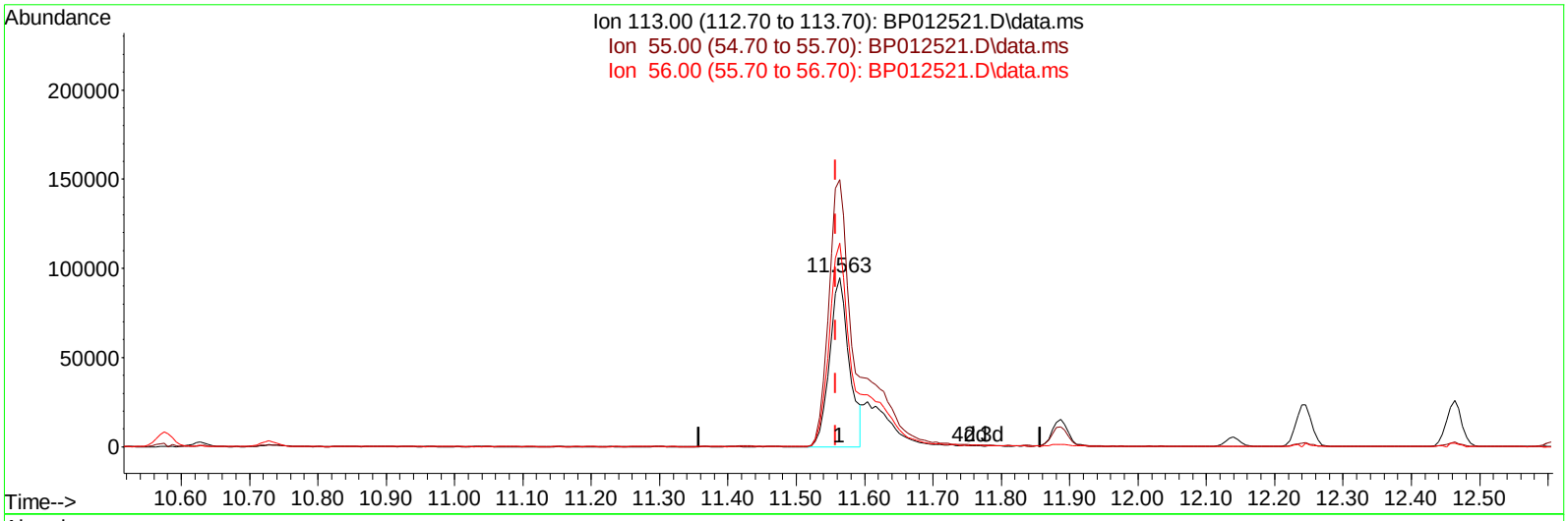
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110222\
Data File : BP012521.D
Acq On : 04 Nov 2022 09:51
Operator : CG/JU
Sample : PB148622BS
Misc :
ALS Vial : 78 Sample Multiplier: 1

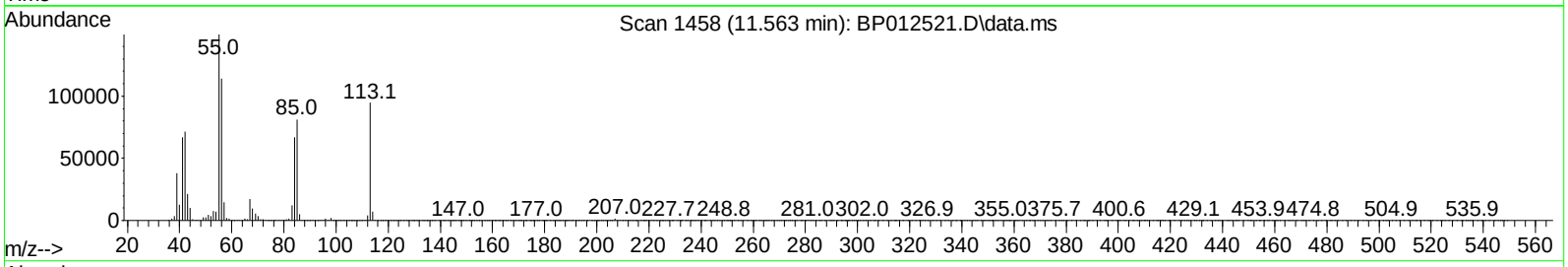
Quant Time: Nov 05 03:26:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 04 02:53:36 2022
Response via : Initial Calibration

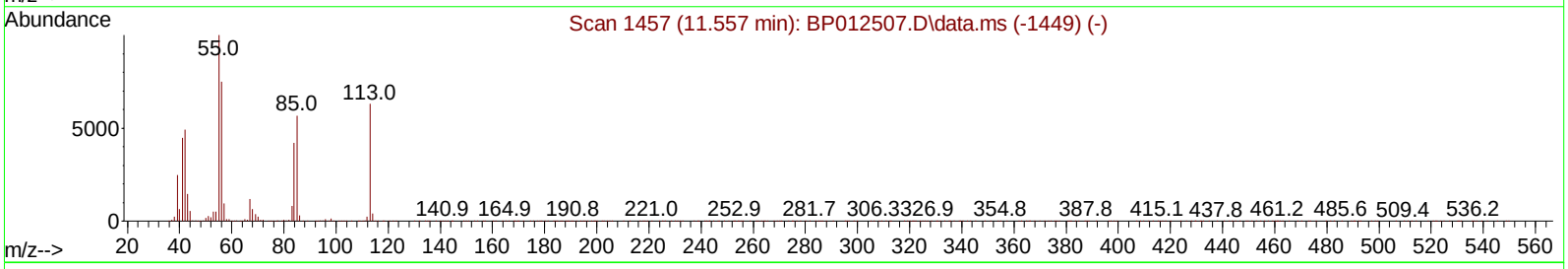
Instrument :
BNA_P
ClientSampleId :
SLCS622

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/05/2022
Supervised By :mohammad ahmed 11/06/2022







TIC: BP012521.D\data.ms

(34) Caprolactam

11.563min (+ 0.006) 28.07 ng/ul

response 188487

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.50	157.85
56.00	123.60	120.30
0.00	0.00	0.00

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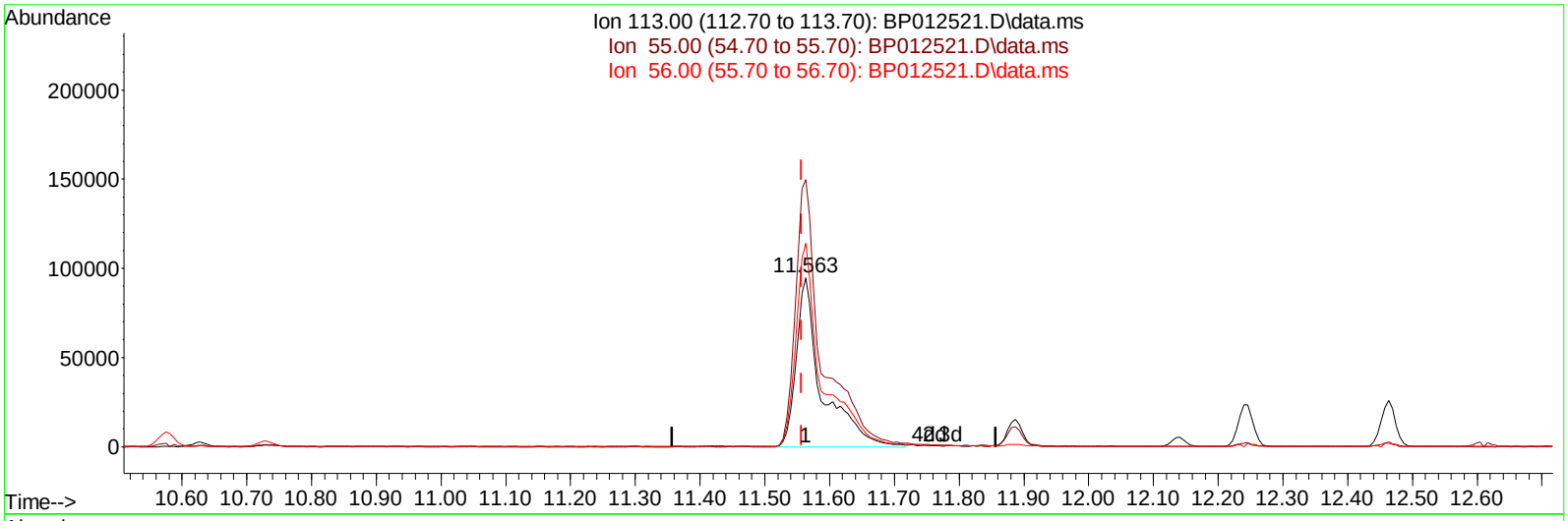

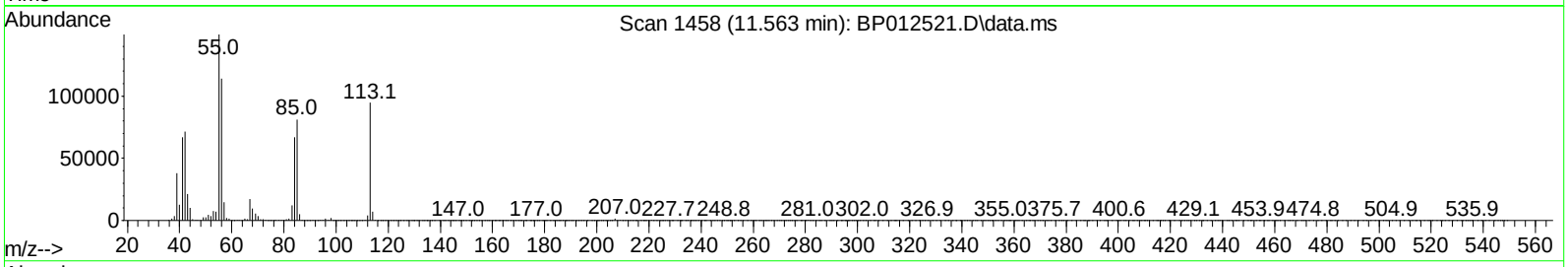

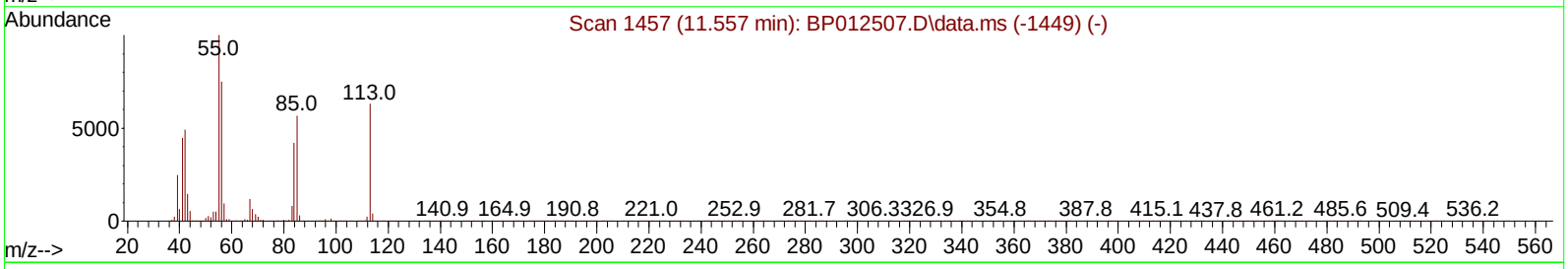

TIC: BP012521.D\data.ms

(34) Caprolactam

11.563min (+ 0.006) 38.86 ng/ul m

response 260986

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.50	157.85
56.00	123.60	120.30
0.00	0.00	0.00

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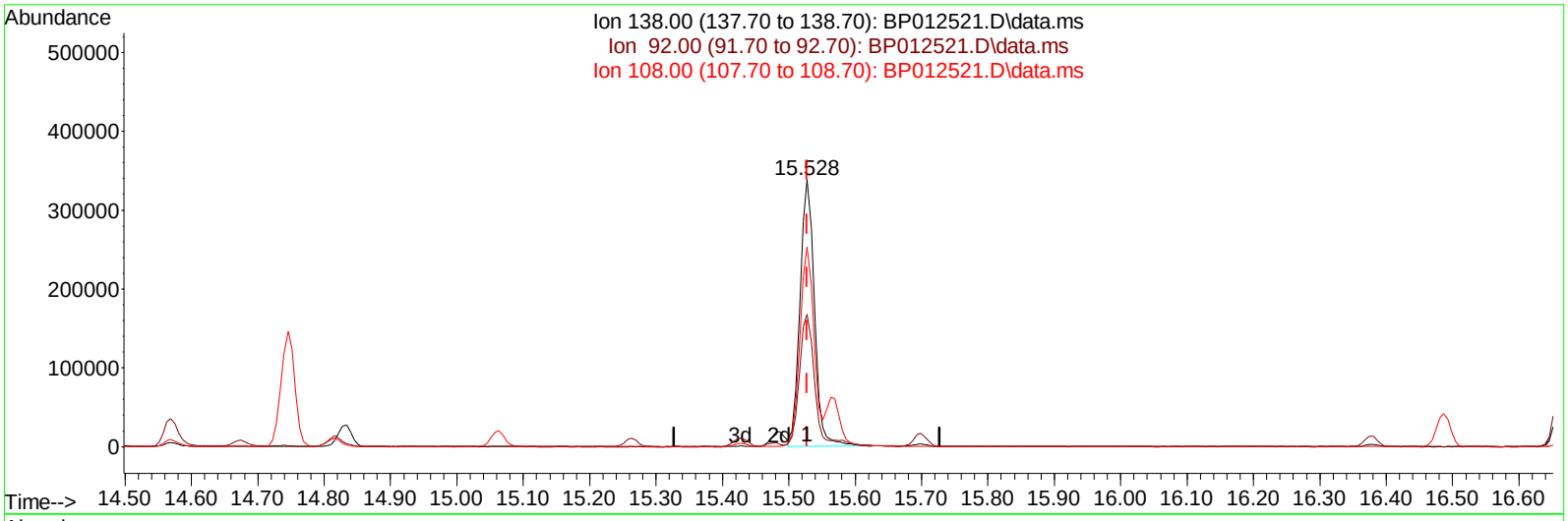

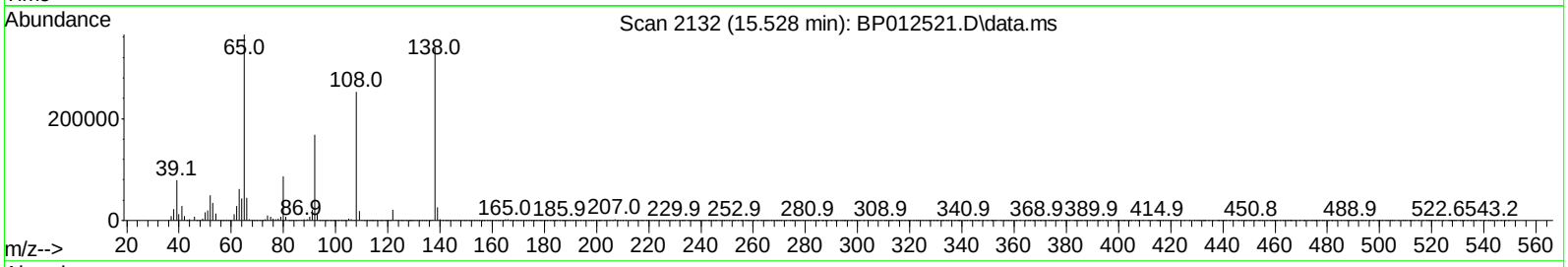

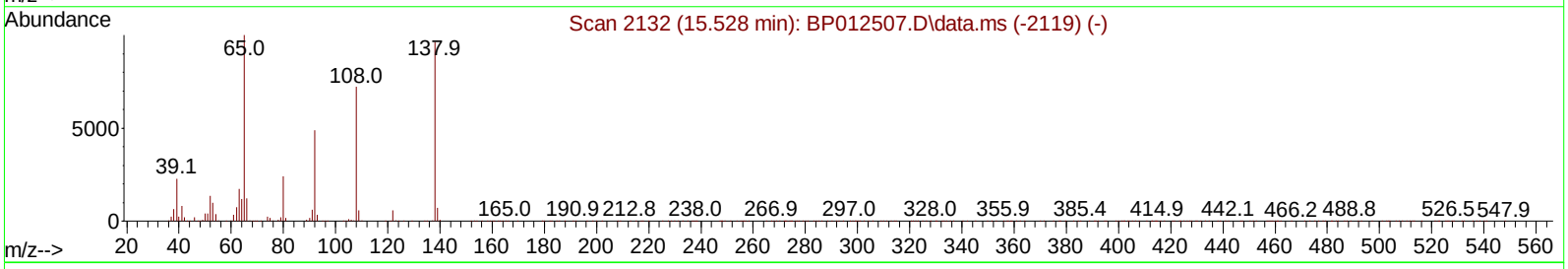

TIC: BP012521.D\data.ms

(63) 4-Nitroaniline

15.528min (+ 0.000) 44.09 ng/ul

response 510342

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	50.80	49.74
108.00	70.80	74.81
0.00	0.00	0.00

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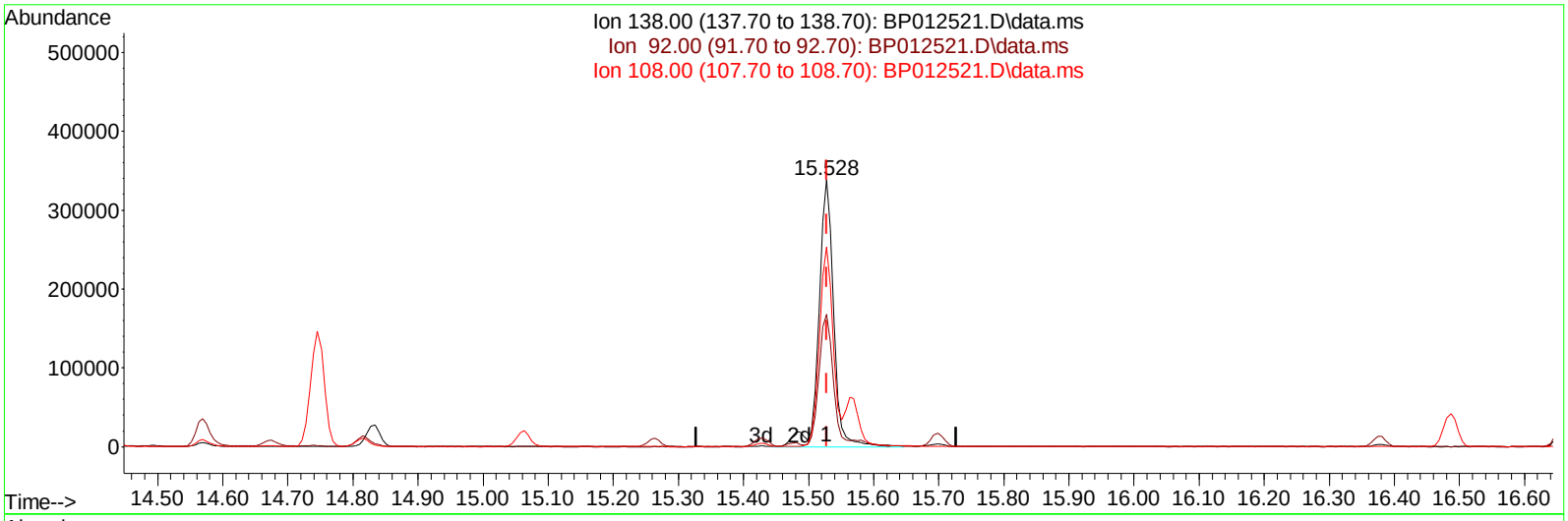

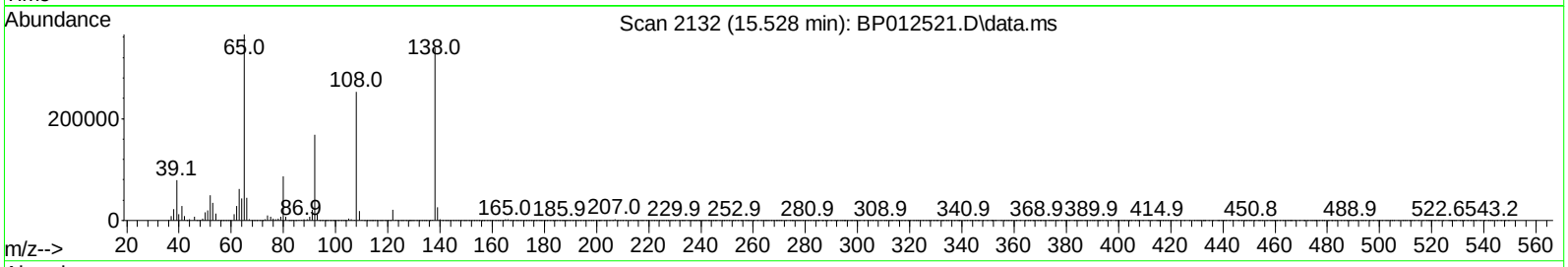

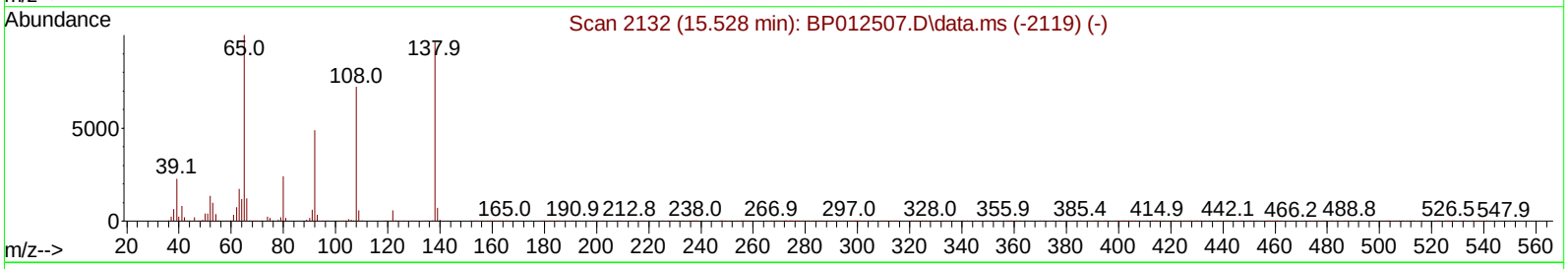

TIC: BP012521.D\data.ms

(63) 4-Nitroaniline

15.528min (+ 0.000) 47.17 ng/ul m

response 546043

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	50.80	49.74
108.00	70.80	74.81
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/05/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	273158	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	1303370	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.428	164	873728	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	2249666	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	2123651	20.000	ng/ul	# 0.00
88) Perylene-d12	23.669	264	1957911	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	40493	5.969	ng/uL	0.00
4) Pyridine-d5	3.652	84	345412	17.725	ng/ul	0.00
7) Phenol-d5	6.958	99	912048	37.226	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	515136	35.221	ng/ul	0.00
11) 2-Chlorophenol-d4	7.311	132	682293	38.135	ng/ul	0.00
15) 4-Methylphenol-d8	8.499	113	738329	38.103	ng/ul	0.00
21) Nitrobenzene-d5	8.946	128	356511	42.180	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	404073	46.060	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	743517	39.108	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131	590313	20.853	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	2218368	37.089	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	2505286	36.653	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	410432	36.257	ng/ul	0.00
60) Fluorene-d10	15.428	176	1890910	36.925	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	373408	31.881	ng/ul	0.00
73) Anthracene-d10	17.292	188	3522477	36.339	ng/ul	0.00
81) Pyrene-d10	19.533	212	4204795	39.437	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.516	264	3681975	38.488	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	85286	11.825	ng/uL	96
5) Pyridine	3.670	79	555614	29.011	ng/ul	99
6) Benzaldehyde	6.928	77	493813	42.736	ng/ul	97
8) Phenol	6.981	94	927536	36.410	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.211	93	711643	34.807	ng/ul	99
12) 2-Chlorophenol	7.340	128	705548	36.225	ng/ul	99
13) 2-Methylphenol	8.234	108	707352	36.107	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.316	45	904084	32.974	ng/ul	100
16) Acetophenone	8.610	105	1098897	36.513	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.599	70	550813	38.016	ng/ul	99
18) 4-Methylphenol	8.563	108	791605	36.970	ng/ul	100
19) Hexachloroethane	8.846	117	266483	35.575	ng/ul	99
22) Nitrobenzene	8.993	77	817272	37.061	ng/ul	98
23) Isophorone	9.516	82	1637110	35.476	ng/ul	100
25) 2-Nitrophenol	9.699	139	436141	41.462	ng/ul	97
26) 2,4-Dimethylphenol	9.763	107	829759	35.924	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.999	93	1024582	34.696	ng/ul	100
29) 2,4-Dichlorophenol	10.234	162	733724	37.176	ng/ul	99
30) Naphthalene	10.628	128	2357177	34.124	ng/ul	100
32) 4-Chloroaniline	10.752	127	912804	31.338	ng/ul	100
33) Hexachlorobutadiene	10.899	225	425616	34.663	ng/ul	97
34) Caprolactam	11.563	113	260986m	38.863	ng/ul	
35) 4-Chloro-3-methylphenol	11.887	107	842839	38.865	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/05/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.246	142	1638836	34.606	ng/ul	100
37) 1-Methylnaphthalene	12.463	142	1644385	34.769	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.610	216	877824	34.205	ng/ul	99
40) Hexachlorocyclopentadiene	12.581	237	363803	30.640	ng/ul	99
41) 2,4,6-Trichlorophenol	12.863	196	609672	37.165	ng/ul	99
42) 2,4,5-Trichlorophenol	12.940	196	677398	37.860	ng/ul	98
43) 1,1'-Biphenyl	13.257	154	2185787	34.022	ng/ul	100
44) 2-Chloronaphthalene	13.304	162	1727465	34.217	ng/ul	99
45) 2-Nitroaniline	13.522	65	529918	45.288	ng/ul	98
47) Dimethylphthalate	13.898	163	2273575	36.079	ng/ul	99
48) 2,6-Dinitrotoluene	14.022	165	484780	46.331	ng/ul	97
50) Acenaphthylene	14.151	152	2716560	35.439	ng/ul	99
51) 3-Nitroaniline	14.357	138	529914	41.361	ng/ul	99
52) Acenaphthene	14.493	153	1858738	34.504	ng/ul	100
53) 2,4-Dinitrophenol	14.569	184	218636	30.941	ng/ul	96
55) 4-Nitrophenol	14.675	109	305147	35.626	ng/ul	93
56) Dibenzofuran	14.834	168	2575141	35.015	ng/ul	98
57) 2,4-Dinitrotoluene	14.816	165	690476	43.812	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.063	232	585397	38.548	ng/ul	98
59) Diethylphthalate	15.263	149	2315052	37.755	ng/ul	99
61) Fluorene	15.487	166	2069868	35.422	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.481	204	1035497	36.128	ng/ul	99
63) 4-Nitroaniline	15.528	138	546043m	47.174	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.581	198	382451	30.646	ng/ul	98
67) N-Nitrosodiphenylamine	15.698	169	1880070	29.672	ng/ul	100
68) 4-Bromophenyl-phenylether	16.381	248	879239	38.910	ng/ul	94
69) Hexachlorobenzene	16.487	284	71247	2.629	ng/ul#	1
70) Atrazine	16.663	200	616922	28.107	ng/ul	99
71) Pentachlorophenol	16.845	266	617272	37.086	ng/ul	94
72) Phenanthrene	17.234	178	4100500	34.502	ng/ul	99
74) Anthracene	17.328	178	4067526	34.451	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.222	216	930090	28.901	ng/uL	99
76) Pentachlorobenzene	14.745	250	918392	27.025	ng/uL	99
77) Carbazole	17.604	167	3799992	36.136	ng/ul	100
78) Di-n-butylphthalate	18.151	149	4645680	38.027	ng/ul	100
80) Fluoranthene	19.210	202	5002946	38.004	ng/ul	96
82) Pyrene	19.563	202	5028358	36.878	ng/ul	95
83) Butylbenzylphthalate	20.439	149	2198596	43.250	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.210	252	1671647	36.237	ng/ul	99
85) Benzo(a)anthracene	21.275	228	4786606	35.330	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	3141061	40.409	ng/ul	99
87) Chrysene	21.327	228	4477540	35.352	ng/ul	99
89) Di-n-octyl phthalate	22.110	149	5160554	44.189	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	4858817	39.190	ng/ul	98
91) Benzo(k)fluoranthene	22.992	252	4459516	37.742	ng/ul	98
93) Benzo(a)pyrene	23.563	252	3962496	36.599	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.139	276	4843832	35.904	ng/ul	95
95) Dibenzo(a,h)anthracene	26.157	278	4186624	34.658	ng/ul	97
96) Benzo(g,h,i)perylene	26.898	276	4059070	34.036	ng/ul	96

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

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