Quantitation Report (Qedit)

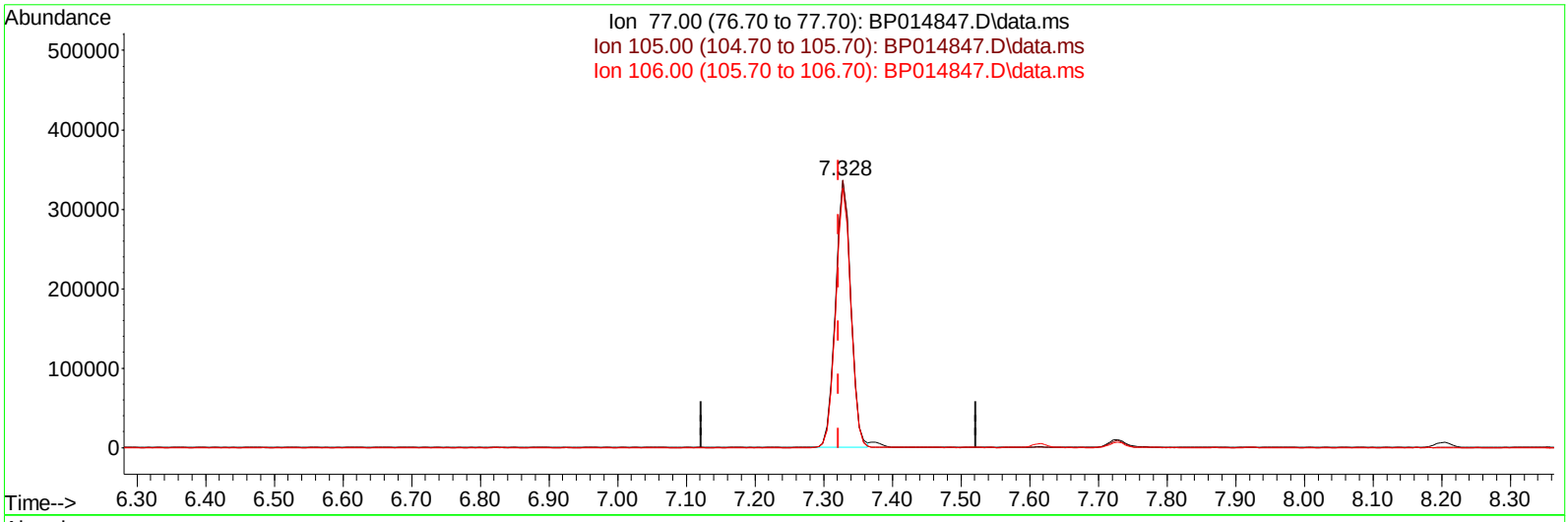
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
Data File : BP014847.D
Acq On : 26 Apr 2023 18:51
Operator : CG/JU
Sample : PB152426BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

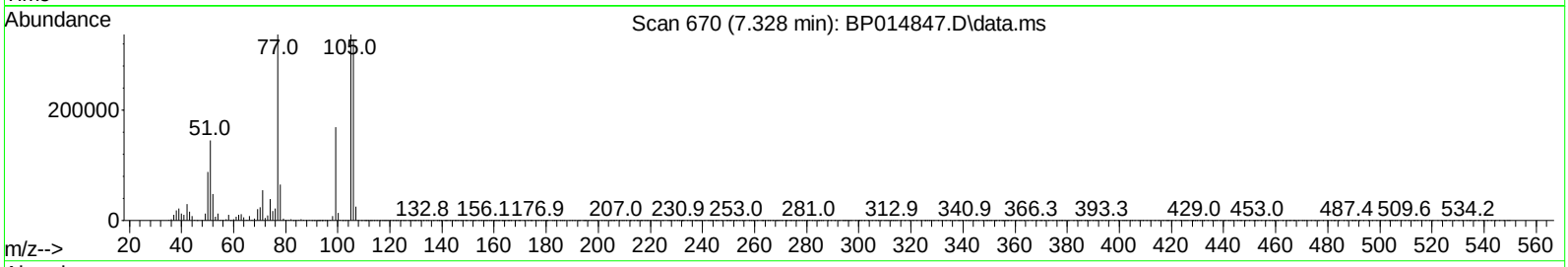
Quant Time: Apr 26 23:31:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 26 02:53:24 2023
Response via : Initial Calibration

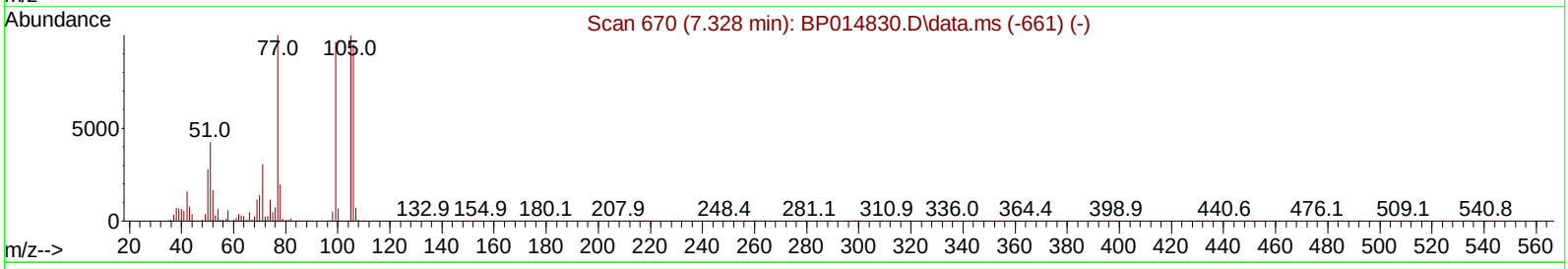
Instrument :
BNA_P
ClientSampleId :
SLCS426

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023







TIC: BP014847.D\data.ms

(6) Benzaldehyde

7.328min (+ 0.006) 38.33 ng/ul

response 522144

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.90	100.11
106.00	94.00	97.16
0.00	0.00	0.00

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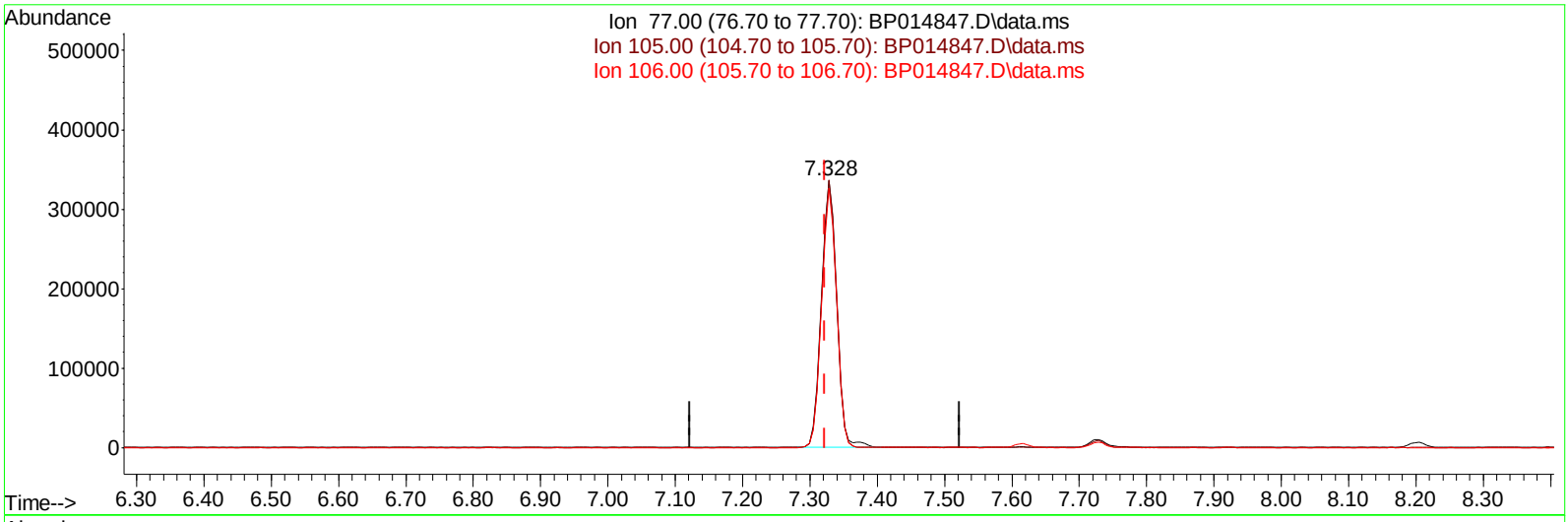

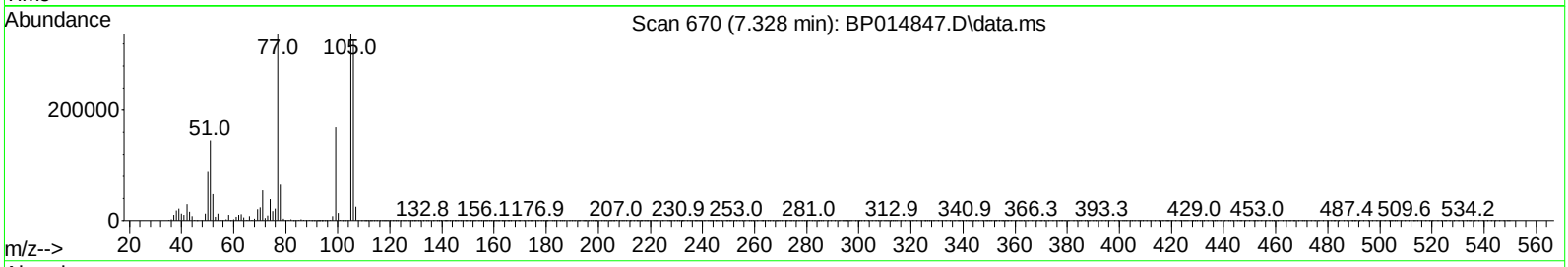

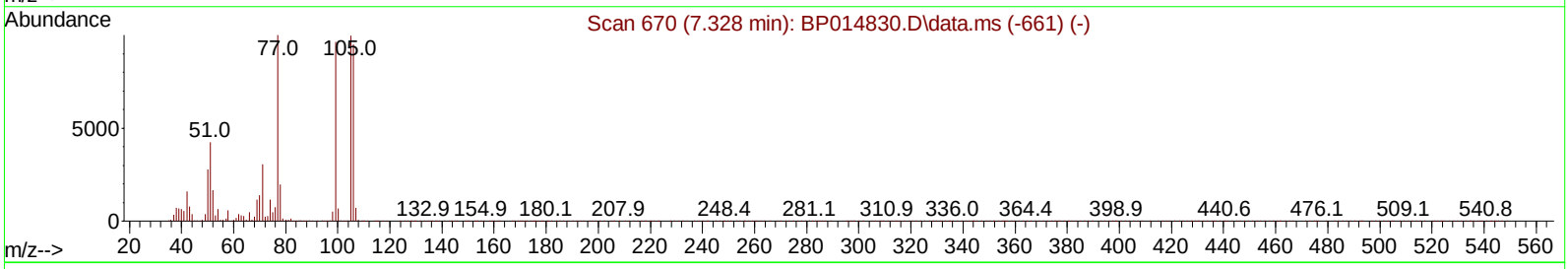

TIC: BP014847.D\data.ms

(6) Benzaldehyde

7.328min (+ 0.006) 38.94 ng/ul m

response 530376

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.90	100.11
106.00	94.00	97.16
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BP014847.D
Acq On : 26 Apr 2023 18:51
Operator : CG/JU
Sample : PB152426BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 26 23:44:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 26 02:53:24 2023
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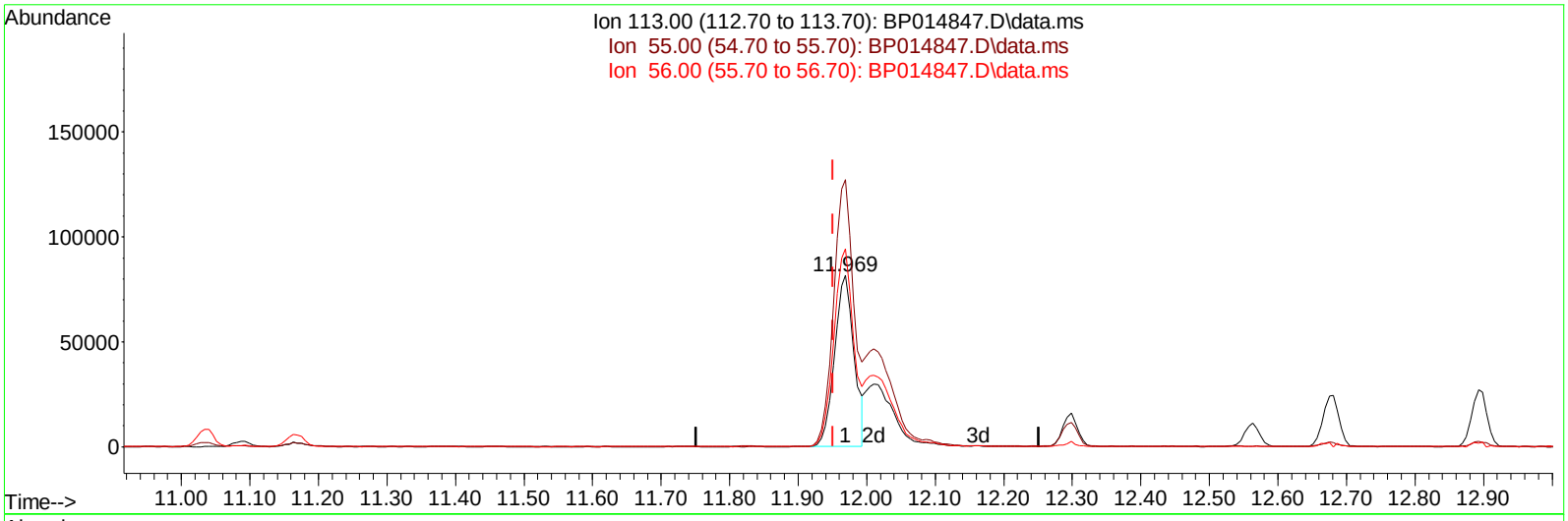

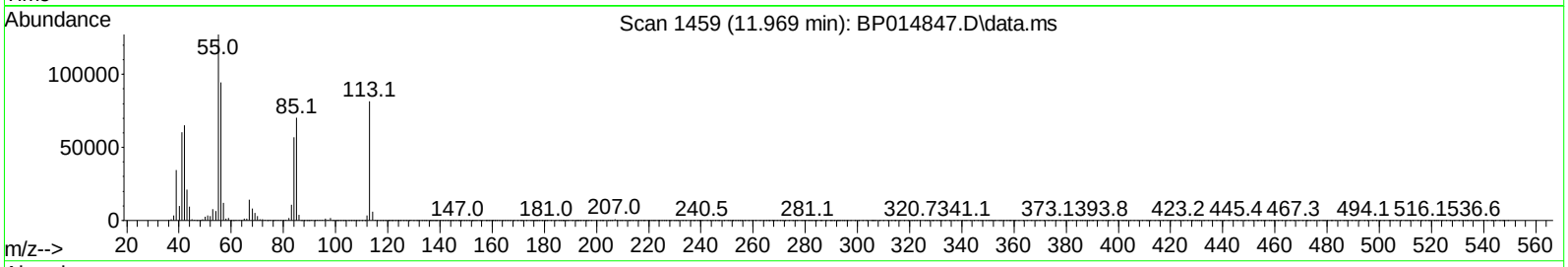

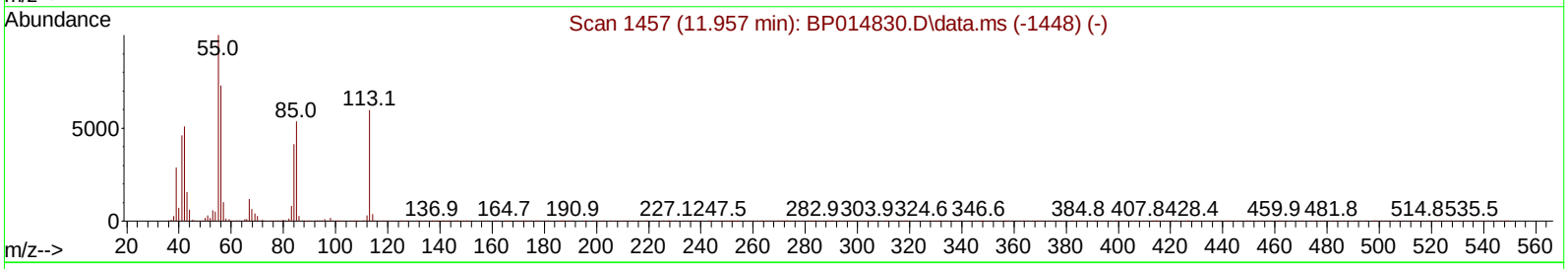

TIC: BP014847.D\data.ms

(34) Caprolactam

11.969min (+ 0.018) 22.71 ng/ul

response 160318

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.30	155.78
56.00	124.30	115.47
0.00	0.00	0.00

Quantitation Report (Qedit)

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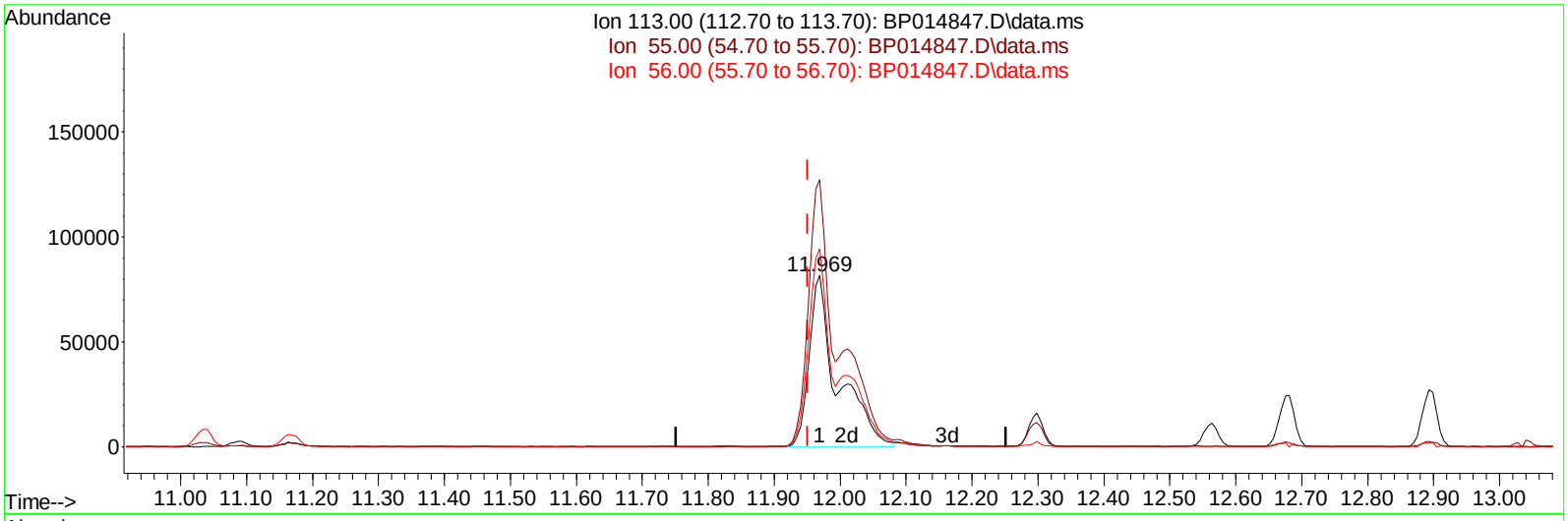

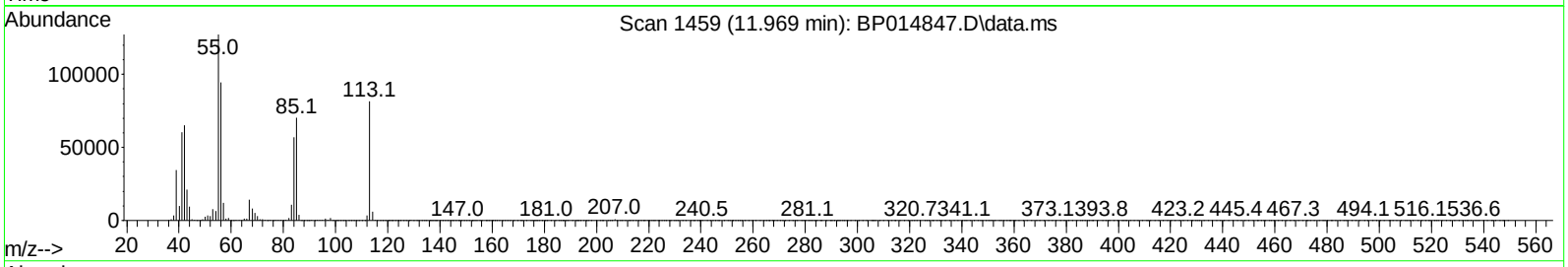

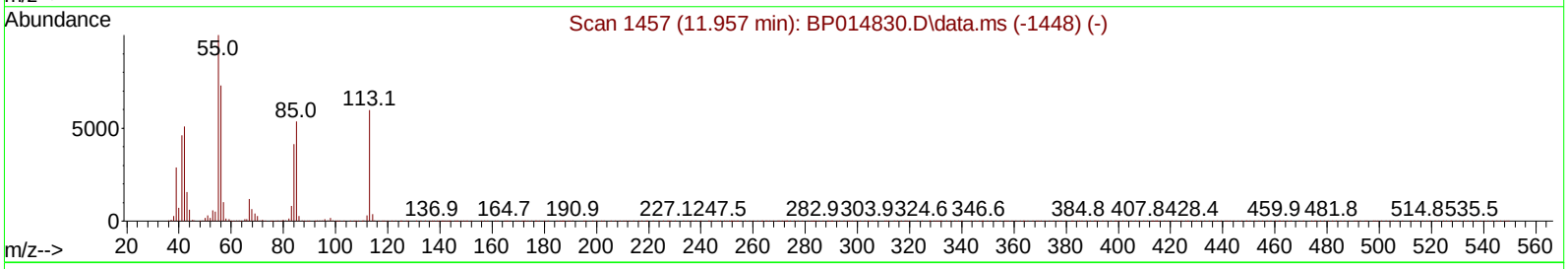

TIC: BP014847.D\data.ms

(34) Caprolactam

11.969min (+ 0.018) 34.56 ng/ul m

response 244013

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.30	155.78
56.00	124.30	115.47
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/27/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.205	152	312023	20.000	ng/ul	0.00
20) Naphthalene-d8	11.034	136	1343870	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.834	164	823206	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.581	188	1708852	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	1115286	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1012335	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.505	96	46857	5.904	ng/uL	0.00
4) Pyridine-d5	3.940	84	709741	30.836	ng/ul	0.00
7) Phenol-d5	7.346	99	930084	32.790	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.522	67	539090	31.626	ng/ul	0.00
11) 2-Chlorophenol-d4	7.728	132	704957	33.658	ng/ul	0.00
15) 4-Methylphenol-d8	8.910	113	741686	32.555	ng/ul	0.00
21) Nitrobenzene-d5	9.375	128	351426	34.934	ng/ul	0.00
24) 2-Nitrophenol-d4	10.105	143	389320	37.652	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.646	165	737296	34.306	ng/ul	0.00
31) 4-Chloroaniline-d4	11.169	131	958083	31.067	ng/ul	0.00
46) Dimethylphthalate-d6	14.234	166	2063947	32.311	ng/ul	0.00
49) Acenaphthylene-d8	14.528	160	2438665	33.301	ng/ul	0.00
54) 4-Nitrophenol-d4	15.016	143	375760	32.290	ng/ul	0.01
60) Fluorene-d10	15.822	176	1754781	32.268	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.934	200	309241	32.613	ng/ul	0.00
73) Anthracene-d10	17.681	188	2625541	32.720	ng/ul	0.00
81) Pyrene-d10	19.892	212	2703201	39.866	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.080	264	1783017	33.974	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.540	88	101917	11.901	ng/uL	99
5) Pyridine	3.964	79	697260	29.546	ng/ul	98
6) Benzaldehyde	7.328	77	530376m	38.938	ng/ul	
8) Phenol	7.375	94	1022511	34.662	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.616	93	788782	33.357	ng/ul	99
12) 2-Chlorophenol	7.758	128	770088	35.251	ng/ul	99
13) 2-Methylphenol	8.640	108	772822	34.733	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.740	45	975041	33.085	ng/ul	99
16) Acetophenone	9.034	105	1215730	34.112	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.022	70	602720	33.046	ng/ul	97
18) 4-Methylphenol	8.975	108	851085	34.168	ng/ul	99
19) Hexachloroethane	9.299	117	307797	34.928	ng/ul	97
22) Nitrobenzene	9.422	77	901091	35.212	ng/ul	97
23) Isophorone	9.952	82	1777427	33.623	ng/ul	100
25) 2-Nitrophenol	10.140	139	439328	38.062	ng/ul	96
26) 2,4-Dimethylphenol	10.193	107	883936	34.512	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.434	93	1098168	32.998	ng/ul	97
29) 2,4-Dichlorophenol	10.675	162	773994	36.141	ng/ul	99
30) Naphthalene	11.087	128	2524471	33.961	ng/ul	99
32) 4-Chloroaniline	11.193	127	884103	28.454	ng/ul	100
33) Hexachlorobutadiene	11.369	225	474100	34.807	ng/ul	99
34) Caprolactam	11.969	113	244013m	34.559	ng/ul	
35) 4-Chloro-3-methylphenol	12.299	107	815834	34.404	ng/ul	99

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Instrument :
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ClientSampleId :
SLCS426

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/27/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.675	142	1689543	33.476	ng/ul	99
37) 1-Methylnaphthalene	12.893	142	1716543	34.116	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.040	216	930247	36.069	ng/ul	98
40) Hexachlorocyclopentadiene	13.022	237	501853	33.581	ng/ul	99
41) 2,4,6-Trichlorophenol	13.275	196	612011	37.387	ng/ul	99
42) 2,4,5-Trichlorophenol	13.346	196	678508	37.507	ng/ul	98
43) 1,1'-Biphenyl	13.675	154	2270689	35.090	ng/ul	99
44) 2-Chloronaphthalene	13.716	162	1771565	34.971	ng/ul	98
45) 2-Nitroaniline	13.916	65	491599	38.747	ng/ul	98
47) Dimethylphthalate	14.281	163	2191201	34.228	ng/ul	99
48) 2,6-Dinitrotoluene	14.404	165	449230	39.164	ng/ul	95
50) Acenaphthylene	14.557	152	2762414	34.928	ng/ul	99
51) 3-Nitroaniline	14.734	138	456610	36.291	ng/ul	99
52) Acenaphthene	14.898	153	1871712	34.429	ng/ul	99
53) 2,4-Dinitrophenol	14.934	184	222977	32.998	ng/ul	96
55) 4-Nitrophenol	15.028	109	295069	33.888	ng/ul	99
56) Dibenzofuran	15.228	168	2604180	34.015	ng/ul	100
57) 2,4-Dinitrotoluene	15.187	165	630218	37.288	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.451	232	549785	36.040	ng/ul	97
59) Diethylphthalate	15.640	149	2156033	34.777	ng/ul	100
61) Fluorene	15.881	166	2040071	33.780	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.869	204	1039769	33.961	ng/ul	96
63) 4-Nitroaniline	15.892	138	476912	42.023	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.951	198	332278	34.864	ng/ul	99
67) N-Nitrosodiphenylamine	16.081	169	1783945	35.496	ng/ul	99
68) 4-Bromophenyl-phenylether	16.763	248	666256	36.032	ng/ul	98
69) Hexachlorobenzene	16.881	284	761759	35.523	ng/ul	100
70) Atrazine	17.028	200	475812	27.702	ng/ul	99
71) Pentachlorophenol	17.222	266	445698	35.431	ng/ul	97
72) Phenanthrene	17.628	178	3212455	34.328	ng/ul	100
74) Anthracene	17.716	178	3242618	34.368	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.640	216	927234	36.449	ng/uL	99
76) Pentachlorobenzene	15.151	250	913084	36.355	ng/uL	98
77) Carbazole	17.975	167	2869845	35.738	ng/ul	100
78) Di-n-butylphthalate	18.510	149	3621174	37.995	ng/ul	100
80) Fluoranthene	19.569	202	3491581	43.694	ng/ul	100
82) Pyrene	19.922	202	3512337	42.498	ng/ul	100
83) Butylbenzylphthalate	20.775	149	1443482	52.055	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.557	252	881615	37.882	ng/ul	99
85) Benzo(a)anthracene	21.633	228	2769726	35.698	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	2142763	52.052	ng/ul	99
87) Chrysene	21.692	228	2564237	34.863	ng/ul	100
89) Di-n-octyl phthalate	22.522	149	3317379	49.291	ng/ul	100
90) Benzo(b)fluoranthene	23.451	252	2388723	34.455	ng/ul	100
91) Benzo(k)fluoranthene	23.504	252	2327789	34.619	ng/ul	100
93) Benzo(a)pyrene	24.133	252	2068533	35.226	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.015	276	2758076	41.652	ng/ul	99
95) Dibenzo(a,h)anthracene	27.033	278	2280316	41.292	ng/ul	99
96) Benzo(g,h,i)perylene	27.862	276	2247011	42.831	ng/ul	99

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

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