Quantitation Report (Qedit)

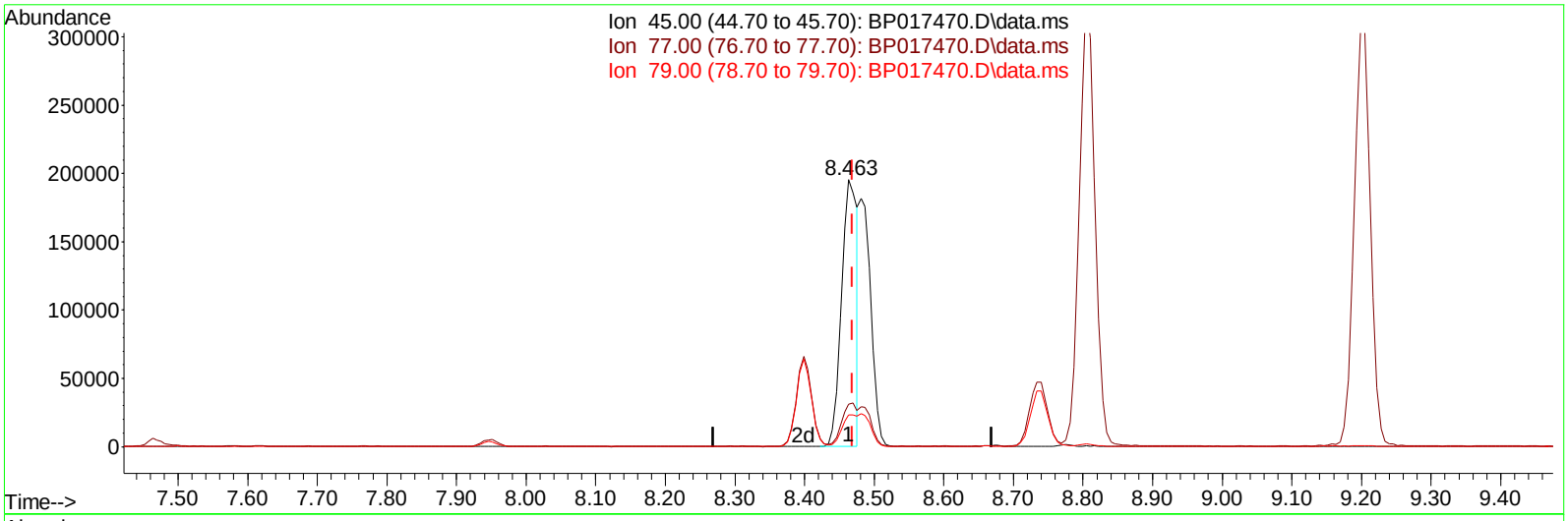
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092923\
Data File : BP017470.D
Acq On : 30 Sep 2023 05:48
Operator : MA/JU
Sample : 04571-06MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

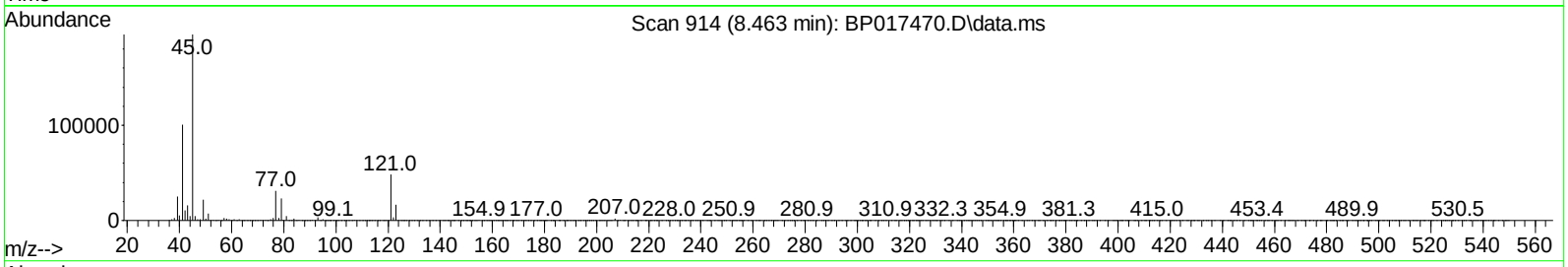
Quant Time: Oct 02 00:54:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 30 04:02:20 2023
Response via : Initial Calibration

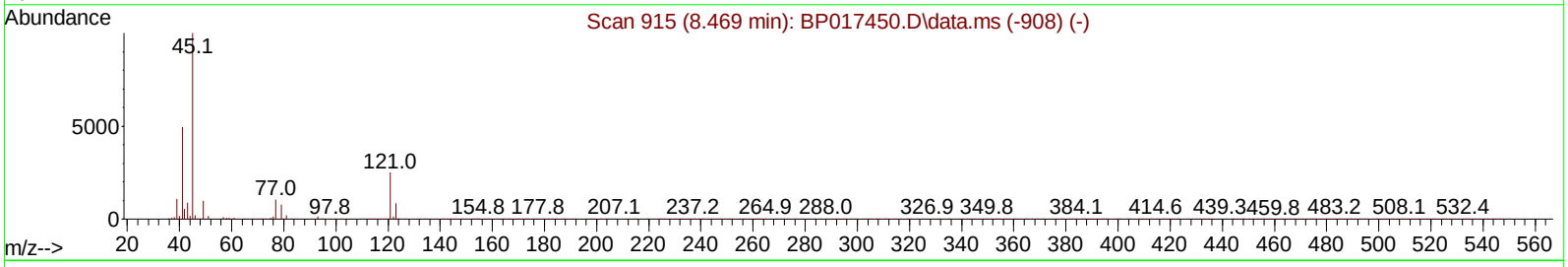
Instrument :
BNA_P
ClientSampleId :
BBK58MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023







TIC: BP017470.D\data.ms

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

8.463min (-0.006) 17.98 ng/ul

response 304782

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.60	15.99
79.00	11.80	11.98
0.00	0.00	0.00

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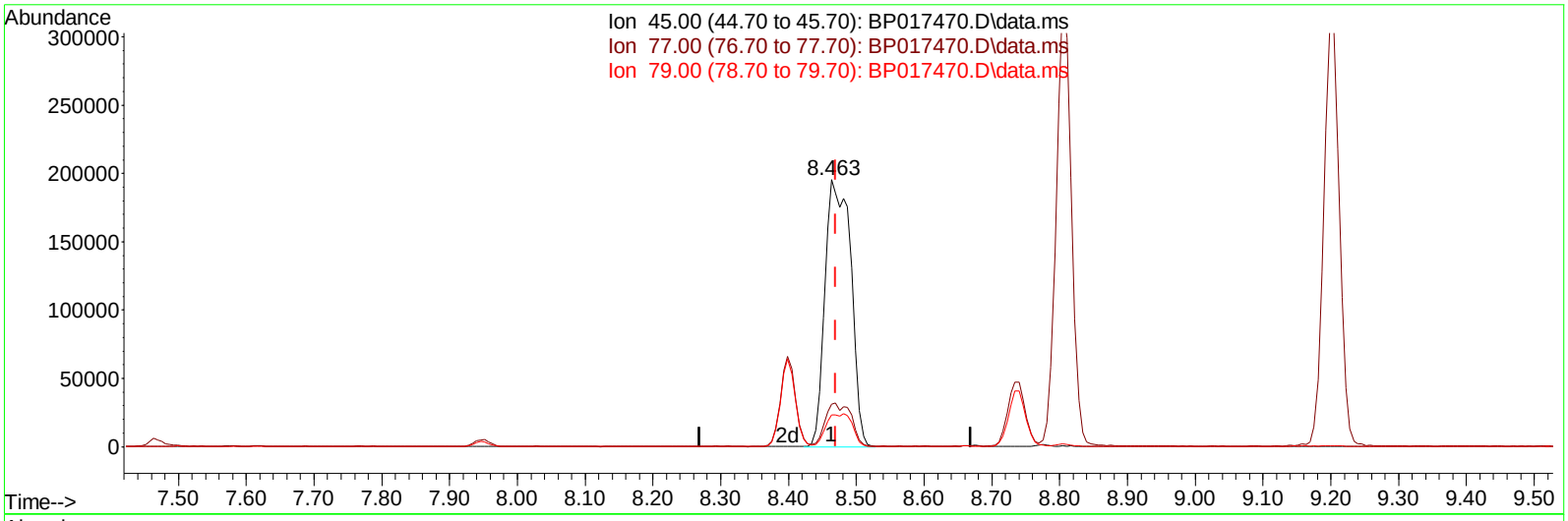

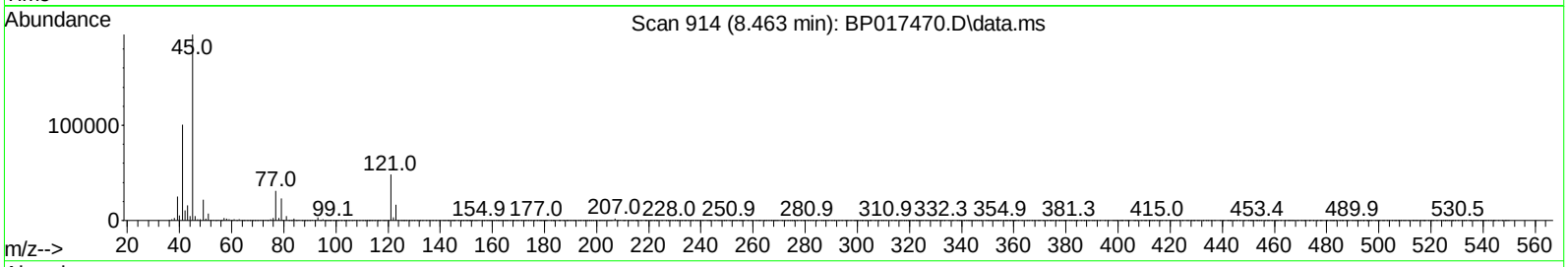

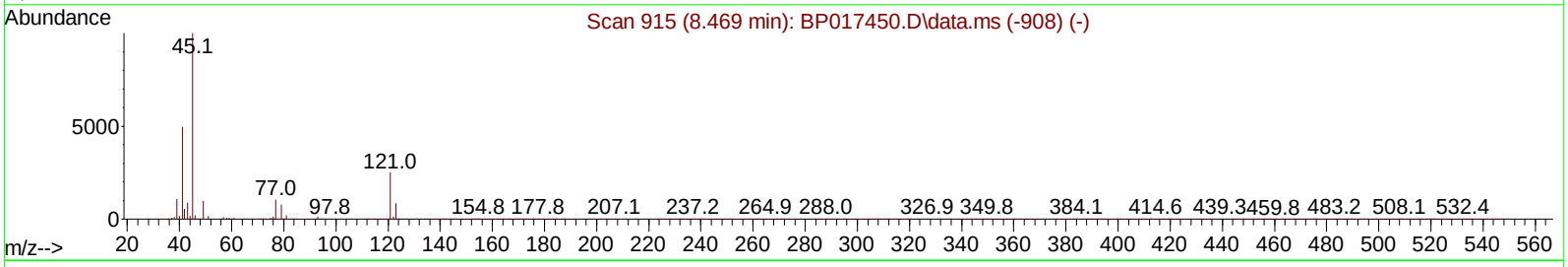

TIC: BP017470.D\data.ms

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

8.463min (-0.006) 30.45 ng/ul m

response 516040

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.60	15.99
79.00	11.80	11.98
0.00	0.00	0.00

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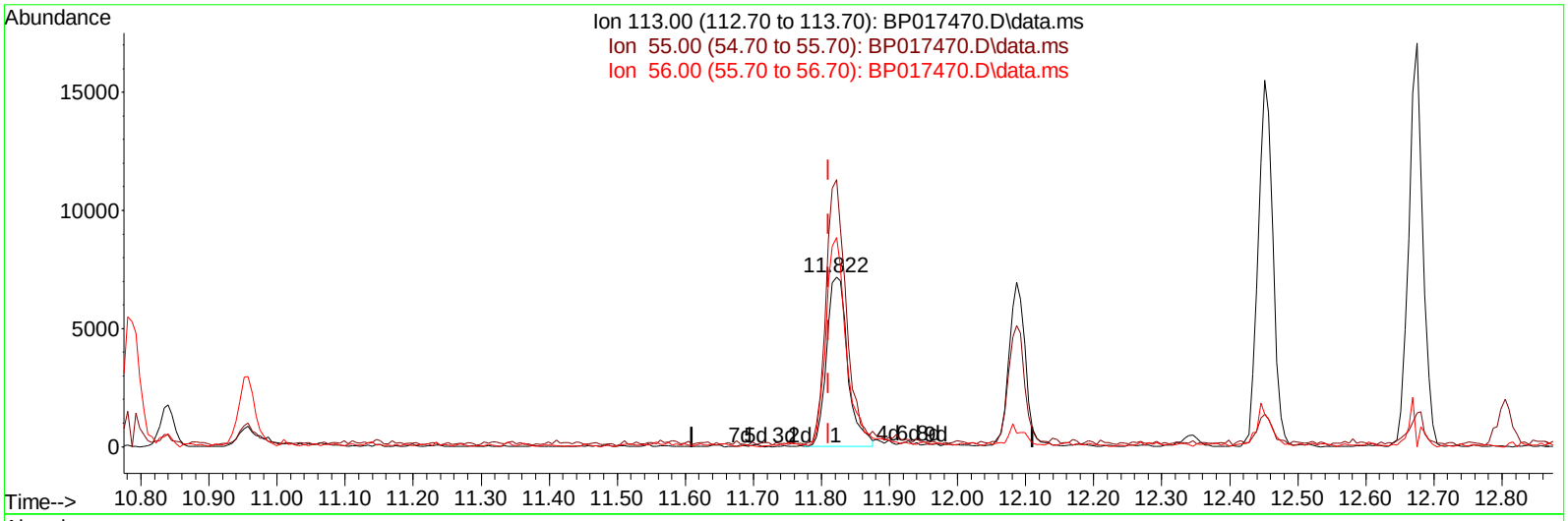

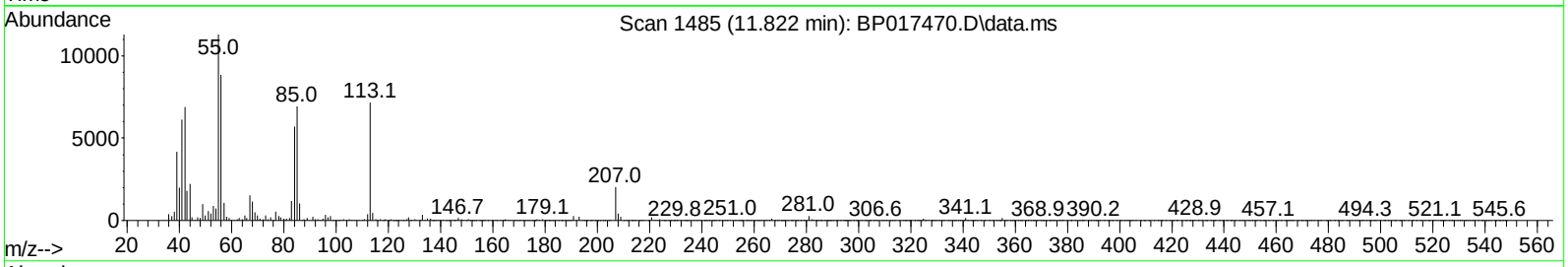

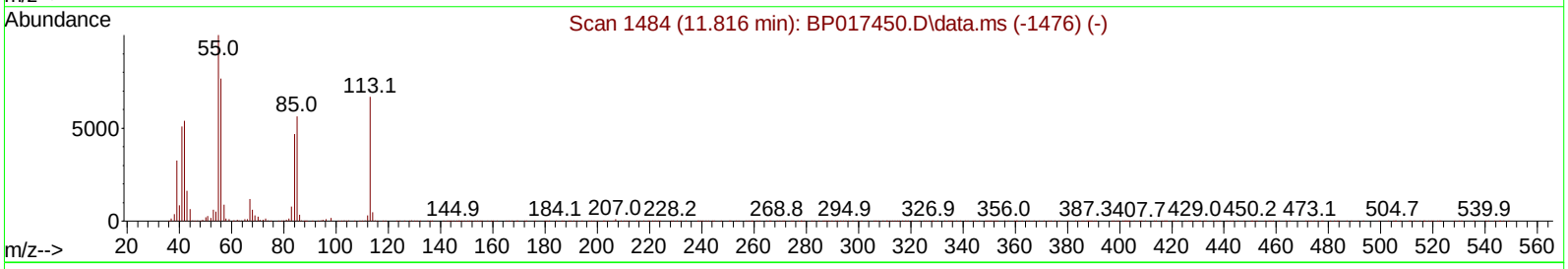

TIC: BP017470.D\data.ms

(34) Caprolactam

11.822min (+ 0.012) 4.36 ng/ul

response 15392

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.20	157.52
56.00	118.10	123.60
0.00	0.00	0.00

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Misc :
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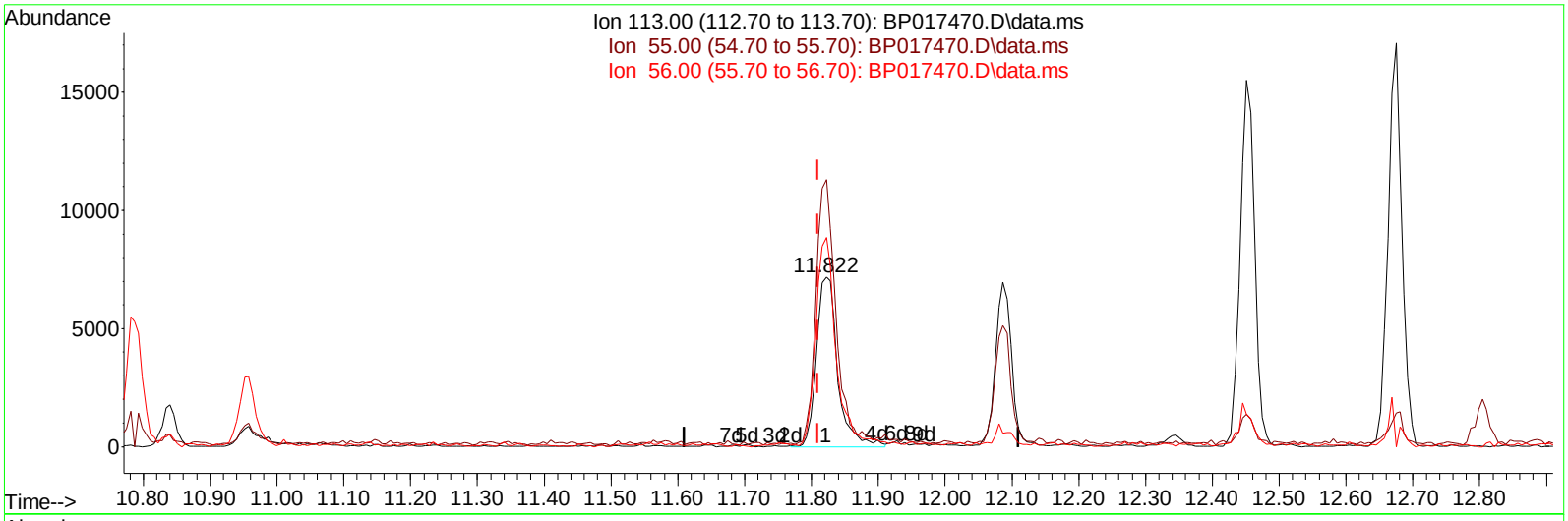

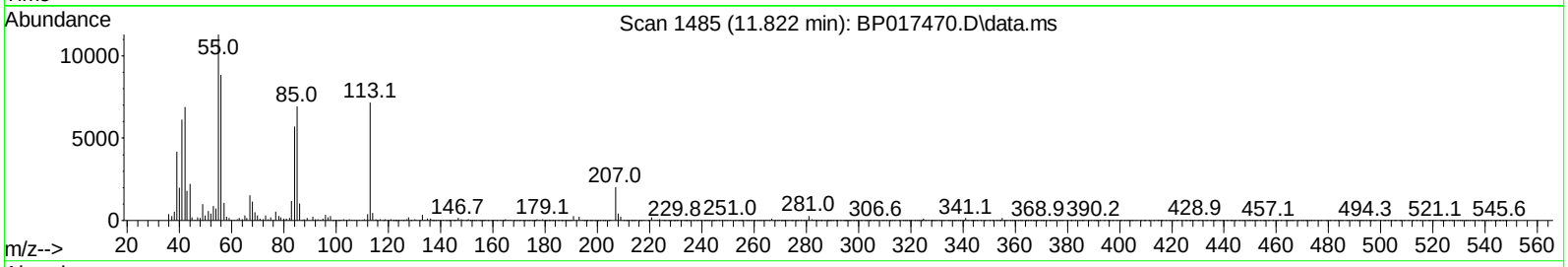

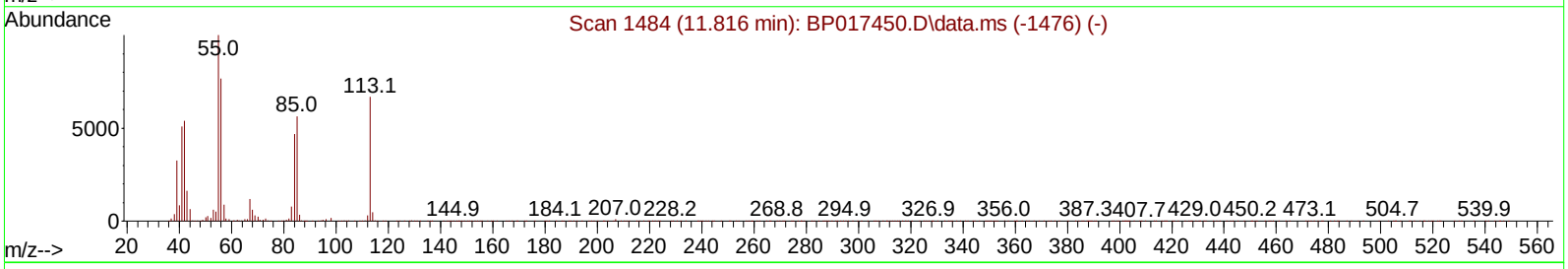

TIC: BP017470.D\data.ms

(34) Caprolactam

11.822min (+ 0.012) 4.51 ng/ul m

response 15892

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.20	157.52
56.00	118.10	123.60
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/02/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	200698	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	834819	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.645	164	491954	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.428	188	1000470	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	936534	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	1104308	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	9875	2.021	ng/uL	0.00
4) Pyridine-d5	3.734	84	107960	7.903	ng/ul	0.00
7) Phenol-d5	7.105	99	105693	6.412	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	289112	29.064	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	304192	23.268	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	192663	15.034	ng/ul	0.00
21) Nitrobenzene-d5	9.157	128	198628	32.911	ng/ul	0.00
24) 2-Nitrophenol-d4	9.875	143	214549	32.740	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	372750	30.107	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	440097	24.539	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	1177089	33.400	ng/ul	0.00
49) Acenaphthylene-d8	14.340	160	1333366	32.896	ng/ul	0.00
54) 4-Nitrophenol-d4	14.875	143	36778	5.990	ng/ul	0.00
60) Fluorene-d10	15.645	176	995563	32.813	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.787	200	181395	32.169	ng/ul	0.00
73) Anthracene-d10	17.534	188	1492138	33.628	ng/ul	0.00
81) Pyrene-d10	19.780	212	1712725	33.818	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	1818432	34.201	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	22540	4.504	ng/uL	96
5) Pyridine	3.752	79	113666	8.015	ng/ul	94
6) Benzaldehyde	7.105	77	303978	36.137	ng/ul	98
8) Phenol	7.128	94	119024	7.179	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.387	93	408300	30.467	ng/ul	97
12) 2-Chlorophenol	7.499	128	324465	24.440	ng/ul	98
13) 2-Methylphenol	8.399	108	231937	18.906	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.463	45	516040m	30.447	ng/ul	
16) Acetophenone	8.805	105	645789	32.611	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.775	70	332083	33.602	ng/ul	100
18) 4-Methylphenol	8.734	108	217553	16.551	ng/ul	98
19) Hexachloroethane	9.016	117	157002	28.487	ng/ul	94
22) Nitrobenzene	9.205	77	505755	33.026	ng/ul	97
23) Isophorone	9.716	82	939089	34.221	ng/ul	99
25) 2-Nitrophenol	9.905	139	233625	32.900	ng/ul	99
26) 2,4-Dimethylphenol	9.946	107	297540	21.030	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.204	93	557450	31.468	ng/ul	98
29) 2,4-Dichlorophenol	10.428	162	377015	30.885	ng/ul	98
30) Naphthalene	10.840	128	1340557	30.840	ng/ul	100
32) 4-Chloroaniline	10.981	127	439992	25.601	ng/ul	98
33) Hexachlorobutadiene	11.063	225	271779	31.991	ng/ul	99
34) Caprolactam	11.822	113	15892m	4.506	ng/ul	
35) 4-Chloro-3-methylphenol	12.087	107	360382	29.372	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/02/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.451	142	931785	32.843	ng/ul	100
37) 1-Methylnaphthalene	12.675	142	918171	31.659	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.804	216	530699	33.614	ng/ul	98
40) Hexachlorocyclopentadiene	12.746	237	167523	18.749	ng/ul	95
41) 2,4,6-Trichlorophenol	13.063	196	338539	35.351	ng/ul	98
42) 2,4,5-Trichlorophenol	13.134	196	358425	35.724	ng/ul	100
43) 1,1'-Biphenyl	13.469	154	1235185	33.093	ng/ul	99
44) 2-Chloronaphthalene	13.516	162	990280	33.465	ng/ul	99
45) 2-Nitroaniline	13.763	65	285153	39.227	ng/ul	95
47) Dimethylphthalate	14.104	163	1233030	34.733	ng/ul	98
48) 2,6-Dinitrotoluene	14.257	165	256193	41.549	ng/ul	90
50) Acenaphthylene	14.369	152	1606159	33.888	ng/ul	100
51) 3-Nitroaniline	14.598	138	229862	34.641	ng/ul	92
52) Acenaphthene	14.710	153	1049116	33.516	ng/ul	100
53) 2,4-Dinitrophenol	14.804	184	109344	28.349	ng/ul	96
55) 4-Nitrophenol	14.892	109	32408	6.756	ng/ul	99
56) Dibenzofuran	15.045	168	1461867	34.103	ng/ul	98
57) 2,4-Dinitrotoluene	15.045	165	361359	39.786	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.269	232	299897	35.227	ng/ul	95
59) Diethylphthalate	15.463	149	1206187	35.146	ng/ul	99
61) Fluorene	15.704	166	1194117	34.286	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.692	204	604764	34.262	ng/ul	100
63) 4-Nitroaniline	15.775	138	230194	38.869	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.804	198	205940	33.855	ng/ul	98
67) N-Nitrosodiphenylamine	15.922	169	978459	35.556	ng/ul	99
68) 4-Bromophenyl-phenylether	16.604	248	374289	37.239	ng/ul	98
69) Hexachlorobenzene	16.686	284	433924	37.205	ng/ul	96
70) Atrazine	16.886	200	288556	29.268	ng/ul	98
71) Pentachlorophenol	17.057	266	243990	33.866	ng/ul	98
72) Phenanthrene	17.475	178	1825808	34.843	ng/ul	100
74) Anthracene	17.569	178	1838177	34.612	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.422	216	520786	33.917	ng/uL	98
76) Pentachlorobenzene	14.940	250	482760	33.283	ng/uL	98
77) Carbazole	17.857	167	1634506	34.602	ng/ul	99
78) Di-n-butylphthalate	18.363	149	1938839	37.326	ng/ul	100
80) Fluoranthene	19.451	202	2115974	35.825	ng/ul	98
82) Pyrene	19.810	202	2206612	35.143	ng/ul	100
83) Butylbenzylphthalate	20.675	149	851643	38.254	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.480	252	672002	33.026	ng/ul	99
85) Benzo(a)anthracene	21.539	228	2252900	35.643	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.416	149	1188793	36.975	ng/ul	98
87) Chrysene	21.598	228	2104534	35.379	ng/ul	99
89) Di-n-octyl phthalate	22.398	149	2094442	34.479	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	2314024	35.541	ng/ul	99
91) Benzo(k)fluoranthene	23.386	252	2283663	34.766	ng/ul	99
93) Benzo(a)pyrene	24.016	252	2187925	35.122	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.862	276	2698391	34.558	ng/ul	99
95) Dibenzo(a,h)anthracene	26.886	278	2228975	34.274	ng/ul	98
96) Benzo(g,h,i)perylene	27.709	276	2184745	34.697	ng/ul	99

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

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