Quantitation Report (Qedit)

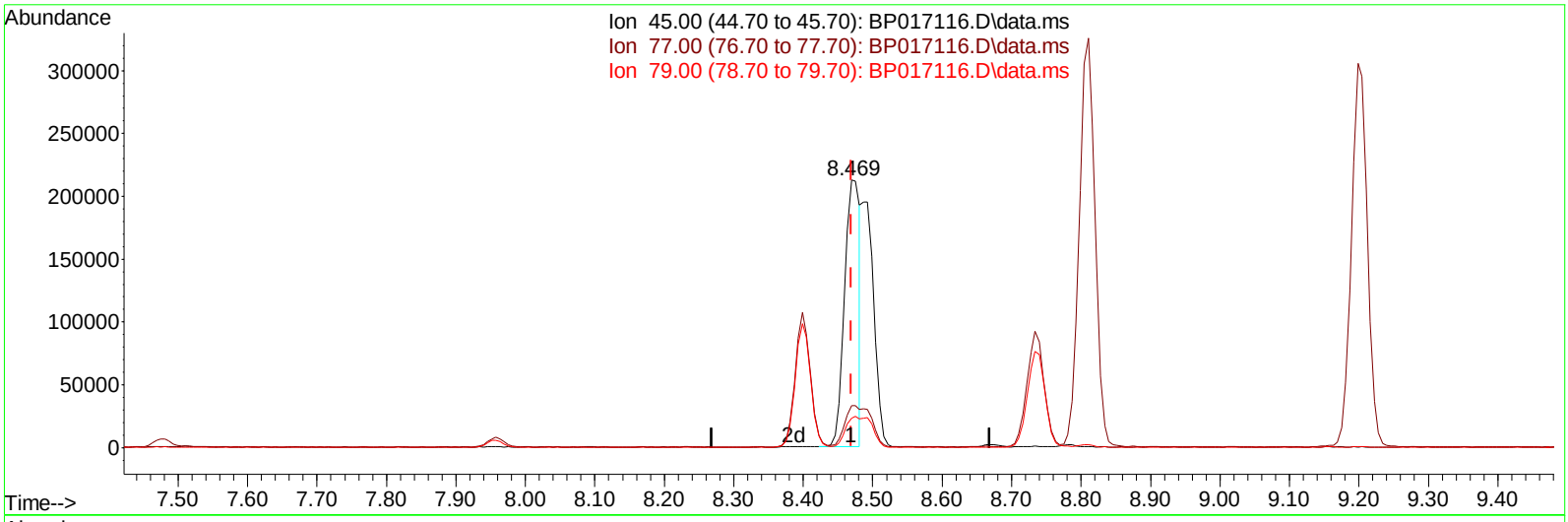
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017116.D
Acq On : 12 Sep 2023 13:39
Operator : MA/JU
Sample : SSTD02051
Misc :
ALS Vial : 4 Sample Multiplier: 1

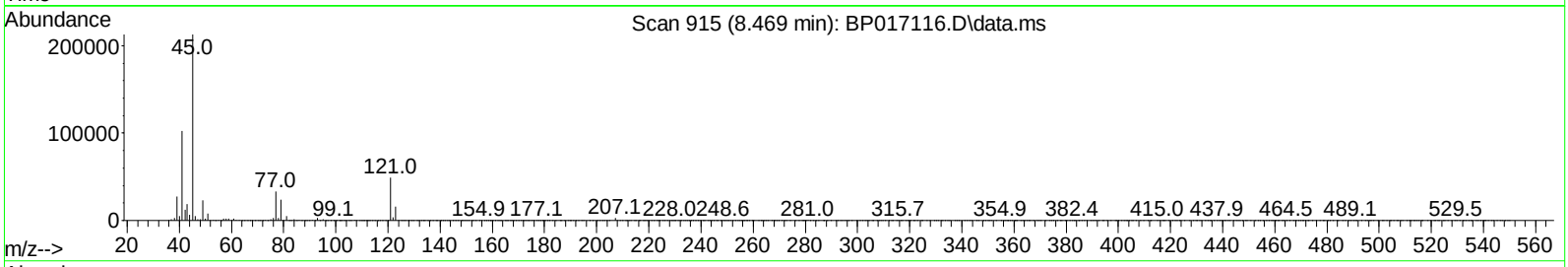
Quant Time: Sep 12 22:48:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 22:45:48 2023
Response via : Initial Calibration

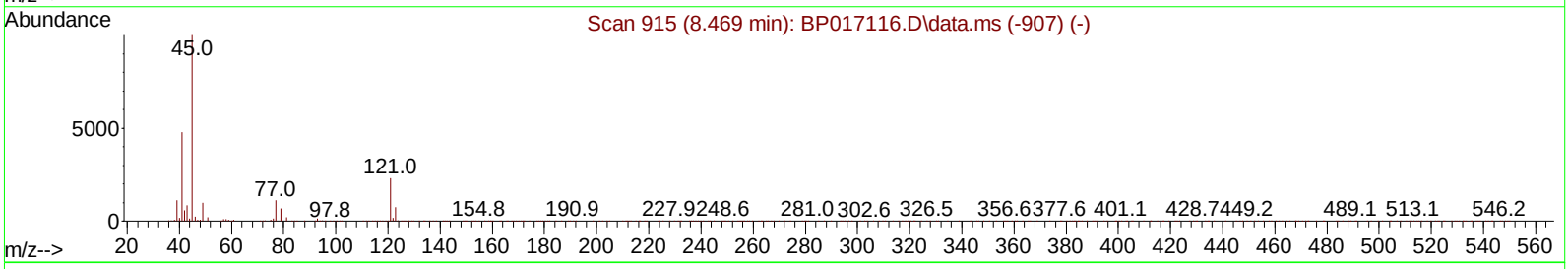
Instrument :
BNA_P
ClientSampleId :
SSTD020612

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BP017116.D\data.ms

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

8.469min (0.000) 12.10 ng/ul

response 327245

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.60	15.59
79.00	11.00	11.04
0.00	0.00	0.00

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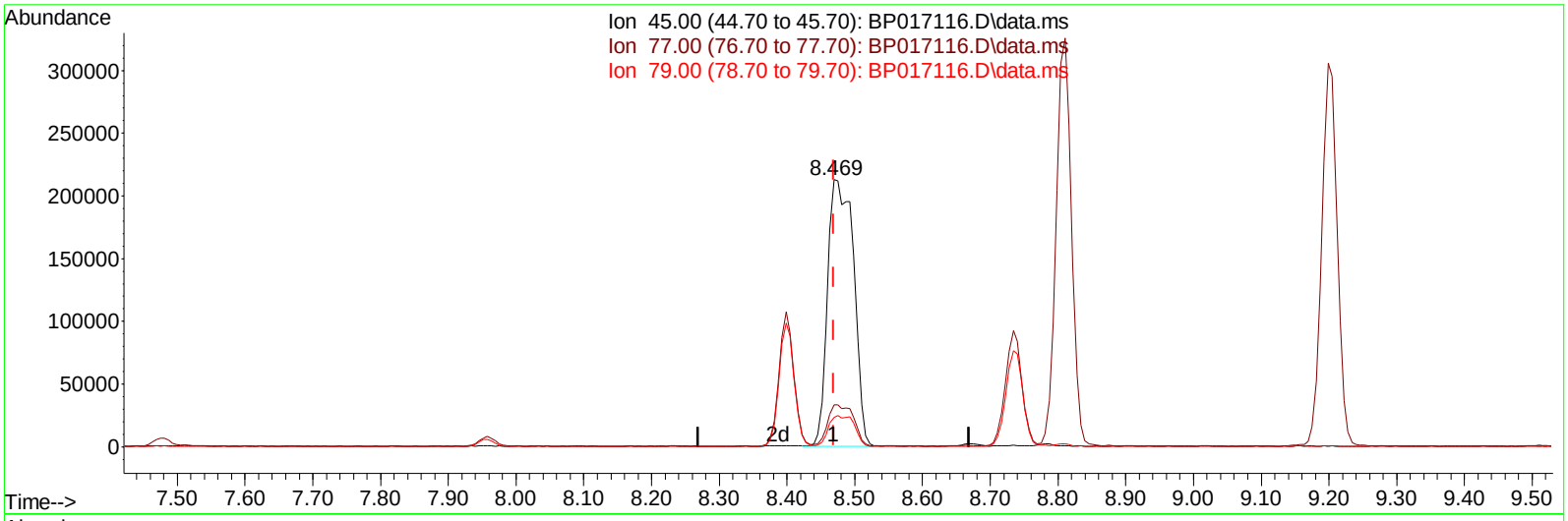

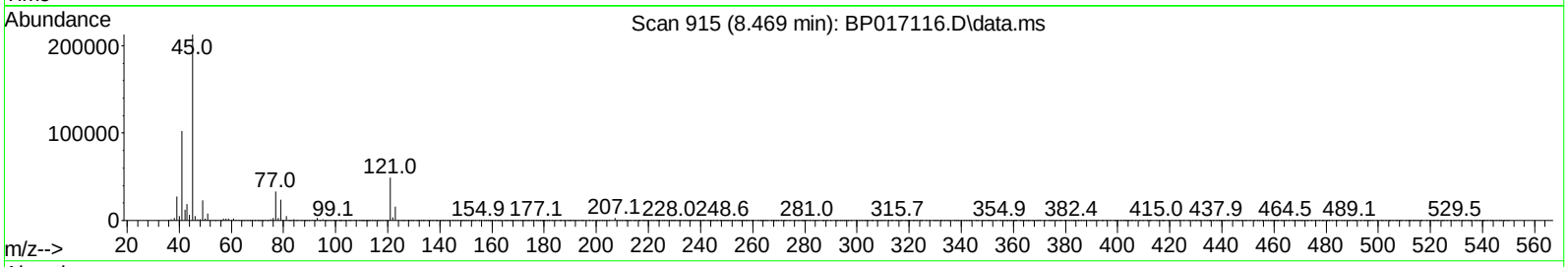

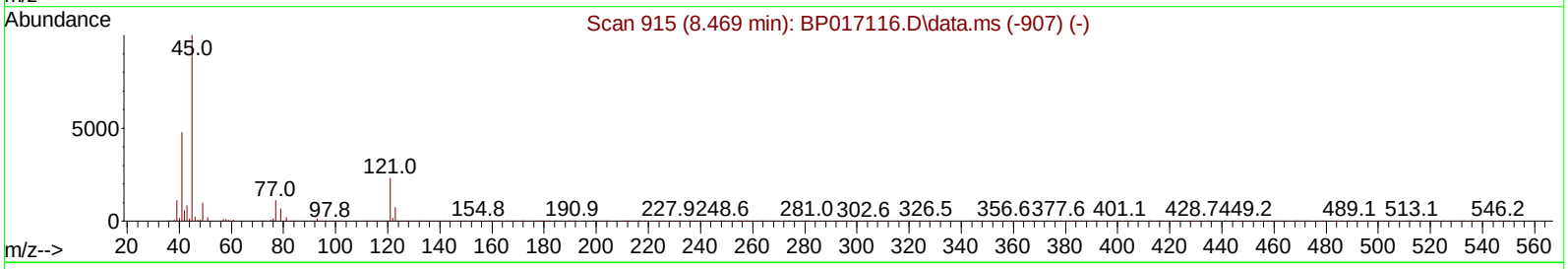

TIC: BP017116.D\data.ms

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

8.469min (0.000) 20.90 ng/ul m

response 565194

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.60	15.59
79.00	11.00	11.04
0.00	0.00	0.00

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Acq On : 12 Sep 2023 13:39
Operator : MA/JU
Sample : SSTD02051
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 12 22:58:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 22:45:48 2023
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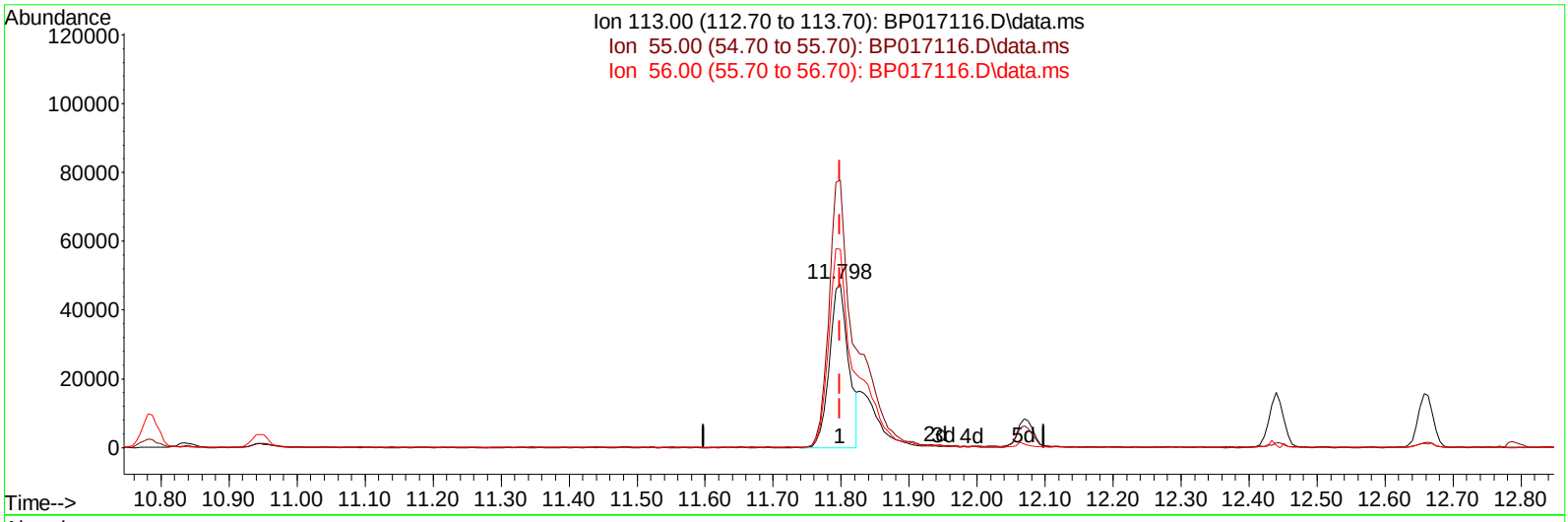

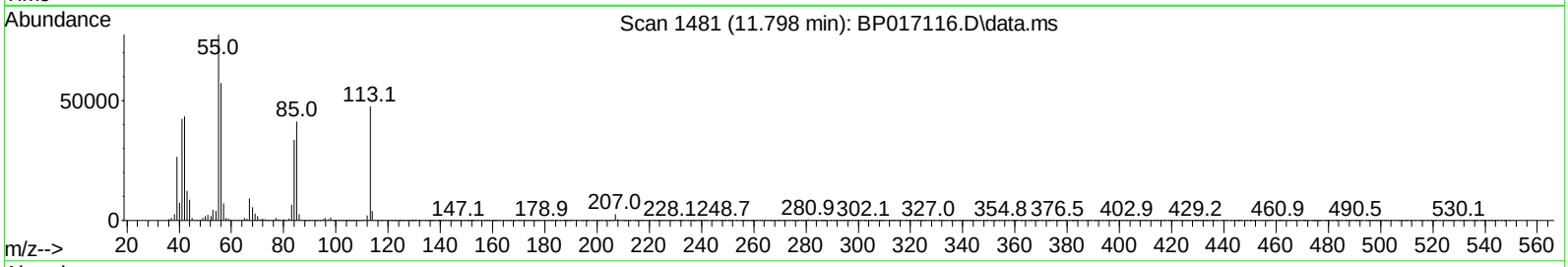

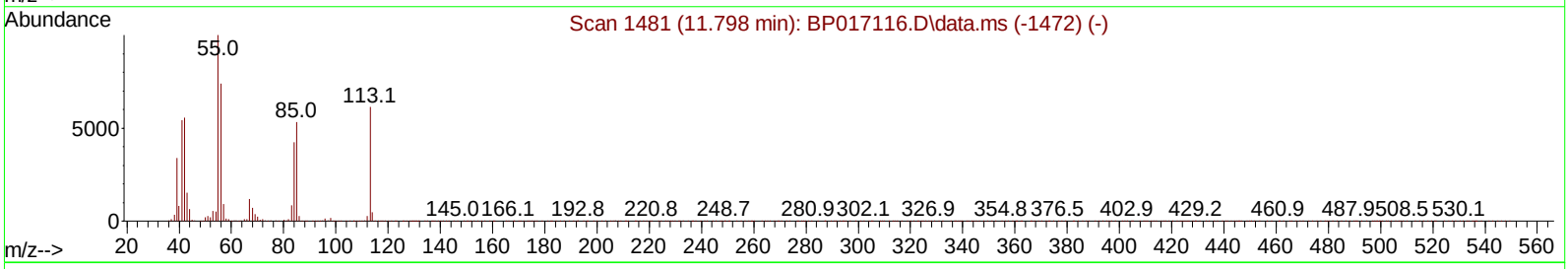

TIC: BP017116.D\data.ms

(34) Caprolactam

11.798min (0.000) 14.99 ng/ul

response 93349

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.40	163.38
56.00	121.00	121.01
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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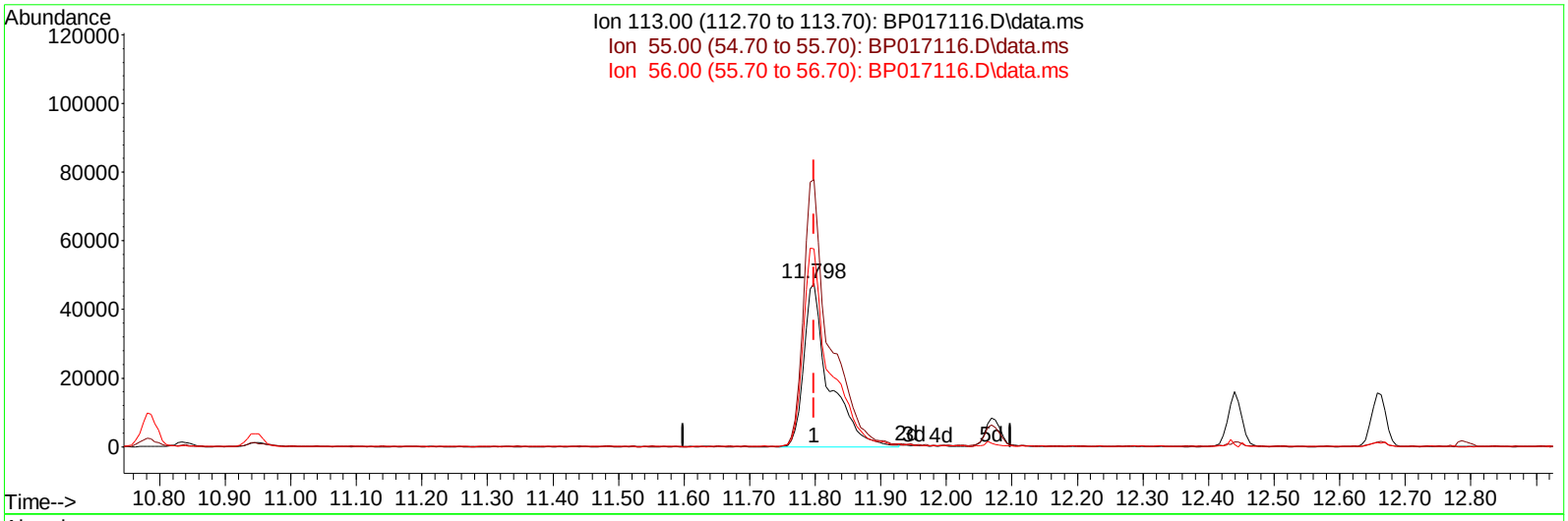

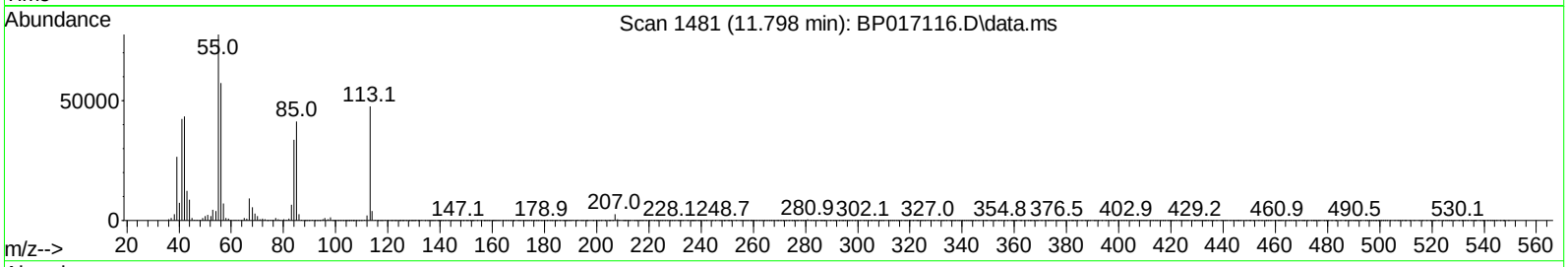

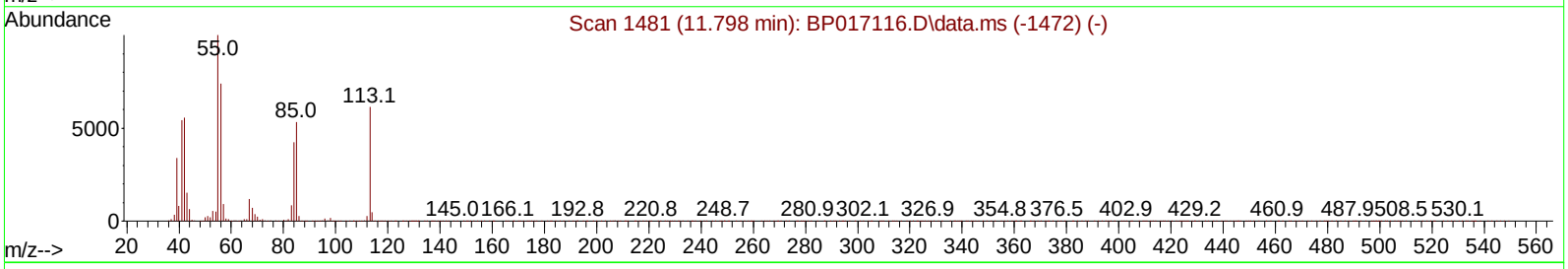

TIC: BP017116.D\data.ms

(34) Caprolactam

11.798min (0.000) 20.46 ng/ul m

response 127362

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.40	163.38
56.00	121.00	121.01
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Time: Sep 12 22:59:28 2023
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	314521	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	1407134	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	916481	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	2068578	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1892255	20.000	ng/ul	0.00
88) Perylene-d12	24.021	264	1805499	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	54954	7.342	ng/uL	0.00
4) Pyridine-d5	3.752	84	400374	18.700	ng/ul	0.00
7) Phenol-d5	7.105	99	479196	18.737	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	305427	19.107	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	389208	19.077	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	397989	18.777	ng/ul	0.00
21) Nitrobenzene-d5	9.157	128	187837	19.064	ng/ul	0.00
24) 2-Nitrophenol-d4	9.869	143	201617	19.167	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.393	165	388460	19.095	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	578848	18.878	ng/ul	0.00
46) Dimethylphthalate-d6	14.034	166	1222736	18.748	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	1404221	18.975	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	226588	17.976	ng/ul	0.00
60) Fluorene-d10	15.616	176	1057046	18.745	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	205313	17.765	ng/ul	0.00
73) Anthracene-d10	17.486	188	1658593	18.871	ng/ul	0.00
81) Pyrene-d10	19.727	212	1939256	19.541	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.851	264	1616847	18.973	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	60349	7.498	ng/uL	100
5) Pyridine	3.769	79	420762	18.973	ng/ul	100
6) Benzaldehyde	7.116	77	319504	22.440	ng/ul	100
8) Phenol	7.134	94	506463	18.777	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.393	93	410121	19.064	ng/ul	100
12) 2-Chlorophenol	7.510	128	395889	19.117	ng/ul	100
13) 2-Methylphenol	8.399	108	375579	18.678	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.469	45	565194m	20.901	ng/ul	
16) Acetophenone	8.810	105	647514	19.518	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.781	70	333864	19.584	ng/ul	100
18) 4-Methylphenol	8.734	108	413414	18.583	ng/ul	100
19) Hexachloroethane	9.022	117	160349	18.827	ng/ul	100
22) Nitrobenzene	9.199	77	489032	19.058	ng/ul	100
23) Isophorone	9.716	82	922410	19.183	ng/ul	100
25) 2-Nitrophenol	9.904	139	224532	19.205	ng/ul	100
26) 2,4-Dimethylphenol	9.946	107	443509	18.614	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.204	93	566287	18.790	ng/ul	100
29) 2,4-Dichlorophenol	10.422	162	384691	18.681	ng/ul	100
30) Naphthalene	10.834	128	1333319	18.725	ng/ul	100
32) 4-Chloroaniline	10.969	127	569162	19.022	ng/ul	100
33) Hexachlorobutadiene	11.063	225	260771	18.650	ng/ul	100
34) Caprolactam	11.798	113	127362m	20.457	ng/ul	
35) 4-Chloro-3-methylphenol	12.069	107	428996	19.254	ng/ul	100

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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.440	142	911428	18.970	ng/ul	100
37) 1-Methylnaphthalene	12.663	142	925580	19.031	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.792	216	504850	18.495	ng/ul	100
40) Hexachlorocyclopentadiene	12.740	237	381623	22.439	ng/ul	100
41) 2,4,6-Trichlorophenol	13.045	196	325431	18.767	ng/ul	100
42) 2,4,5-Trichlorophenol	13.116	196	344392	18.681	ng/ul	100
43) 1,1'-Biphenyl	13.451	154	1227078	18.672	ng/ul	100
44) 2-Chloronaphthalene	13.498	162	962079	18.435	ng/ul	100
45) 2-Nitroaniline	13.734	65	275112	19.461	ng/ul	100
47) Dimethylphthalate	14.081	163	1237129	18.686	ng/ul	100
48) 2,6-Dinitrotoluene	14.228	165	232460	19.211	ng/ul	100
50) Acenaphthylene	14.345	152	1616427	18.907	ng/ul	100
51) 3-Nitroaniline	14.563	138	242600	18.736	ng/ul	100
52) Acenaphthene	14.681	153	1054026	18.631	ng/ul	100
53) 2,4-Dinitrophenol	14.763	184	178247	21.025	ng/ul	100
55) 4-Nitrophenol	14.851	109	182300	18.070	ng/ul	100
56) Dibenzofuran	15.022	168	1453921	18.597	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	353066	19.589	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.233	232	303031	18.737	ng/ul	100
59) Diethylphthalate	15.433	149	1229999	18.817	ng/ul	100
61) Fluorene	15.669	166	1216699	18.824	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.663	204	615012	18.715	ng/ul	100
63) 4-Nitroaniline	15.733	138	238797	19.837	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.757	198	220878	17.808	ng/ul	100
67) N-Nitrosodiphenylamine	15.886	169	1014214	18.856	ng/ul	100
68) 4-Bromophenyl-phenylether	16.563	248	364361	18.479	ng/ul	100
69) Hexachlorobenzene	16.645	284	427532	18.318	ng/ul	100
70) Atrazine	16.845	200	378765	19.454	ng/ul	100
71) Pentachlorophenol	17.010	266	261238	17.223	ng/ul	100
72) Phenanthrene	17.433	178	1914157	18.414	ng/ul	100
74) Anthracene	17.522	178	1970568	18.716	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.404	216	532747	18.627	ng/uL	100
76) Pentachlorobenzene	14.910	250	482589	18.595	ng/uL	100
77) Carbazole	17.810	167	1742438	18.847	ng/ul	100
78) Di-n-butylphthalate	18.322	149	2037426	19.340	ng/ul	100
80) Fluoranthene	19.398	202	2260842	19.491	ng/ul	100
82) Pyrene	19.757	202	2380061	19.419	ng/ul	100
83) Butylbenzylphthalate	20.616	149	870391	19.912	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.410	252	702226	18.101	ng/ul	100
85) Benzo(a)anthracene	21.468	228	2333781	18.836	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.351	149	1197369	19.513	ng/ul	100
87) Chrysene	21.527	228	2167981	18.811	ng/ul	100
89) Di-n-octyl phthalate	22.315	149	1936410	19.342	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	2045265	19.218	ng/ul	100
91) Benzo(k)fluoranthene	23.280	252	2015018	19.046	ng/ul	100
93) Benzo(a)pyrene	23.904	252	1872557	18.965	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.698	276	1932175	17.672	ng/ul	100
95) Dibenzo(a,h)anthracene	26.721	278	1624835	17.691	ng/ul	100
96) Benzo(g,h,i)perylene	27.533	276	1493837	17.670	ng/ul	100

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

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