Quantitation Report (Qedit)

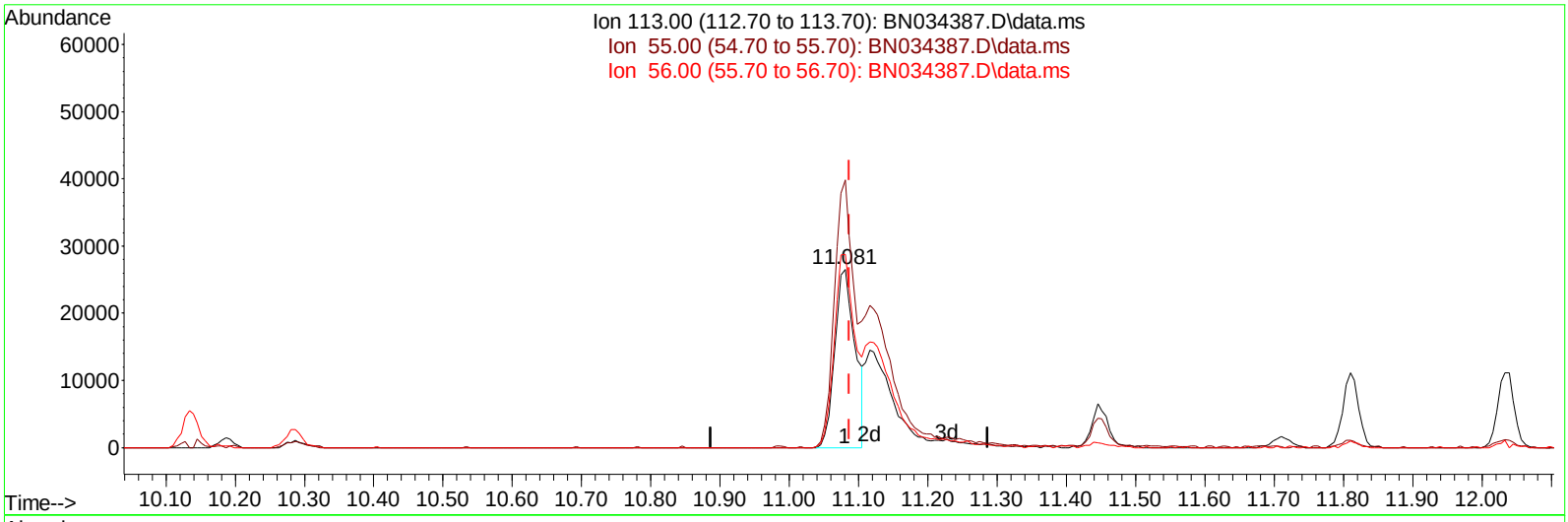
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034387.D
Acq On : 04 Oct 2024 01:44
Operator : RC/JU
Sample : PB163635BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

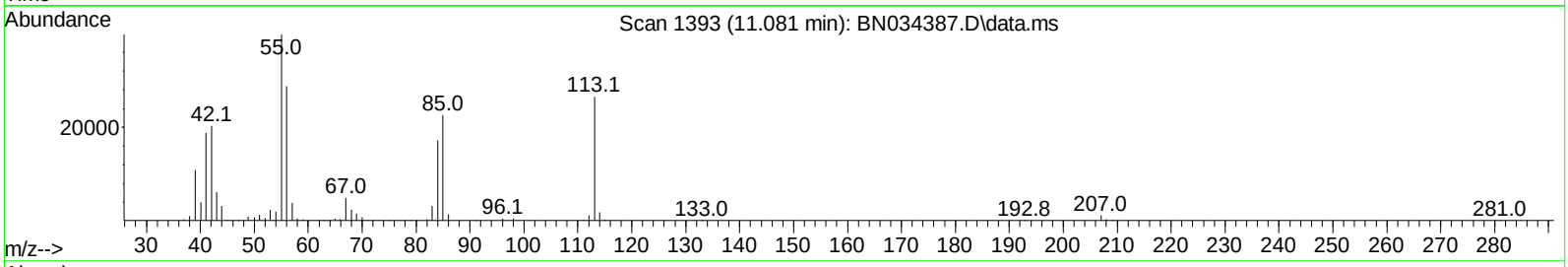
Quant Time: Oct 04 02:44:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

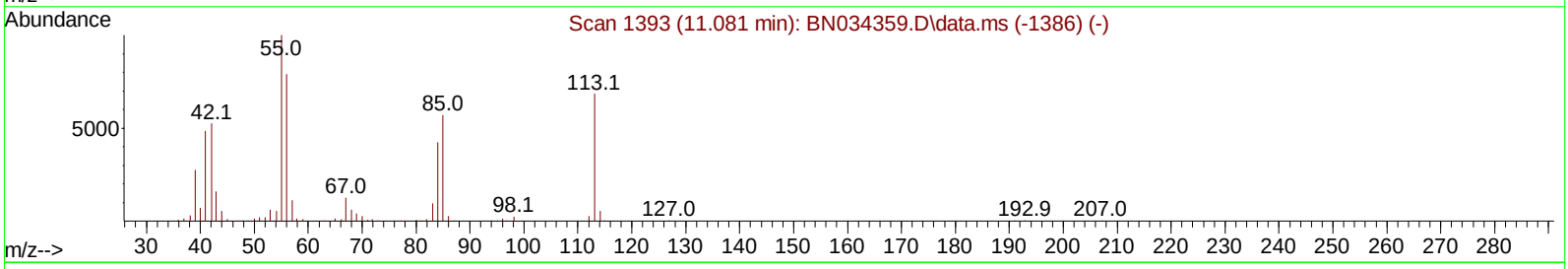
Instrument :
BNA_N
ClientSampleId :
SLCS635

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/05/2024







TIC: BN034387.D\data.ms

(34) Caprolactam

11.081min (-0.006) 9.87 ng/ul

response 53722

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	149.97
56.00	124.60	108.35
0.00	0.00	0.00

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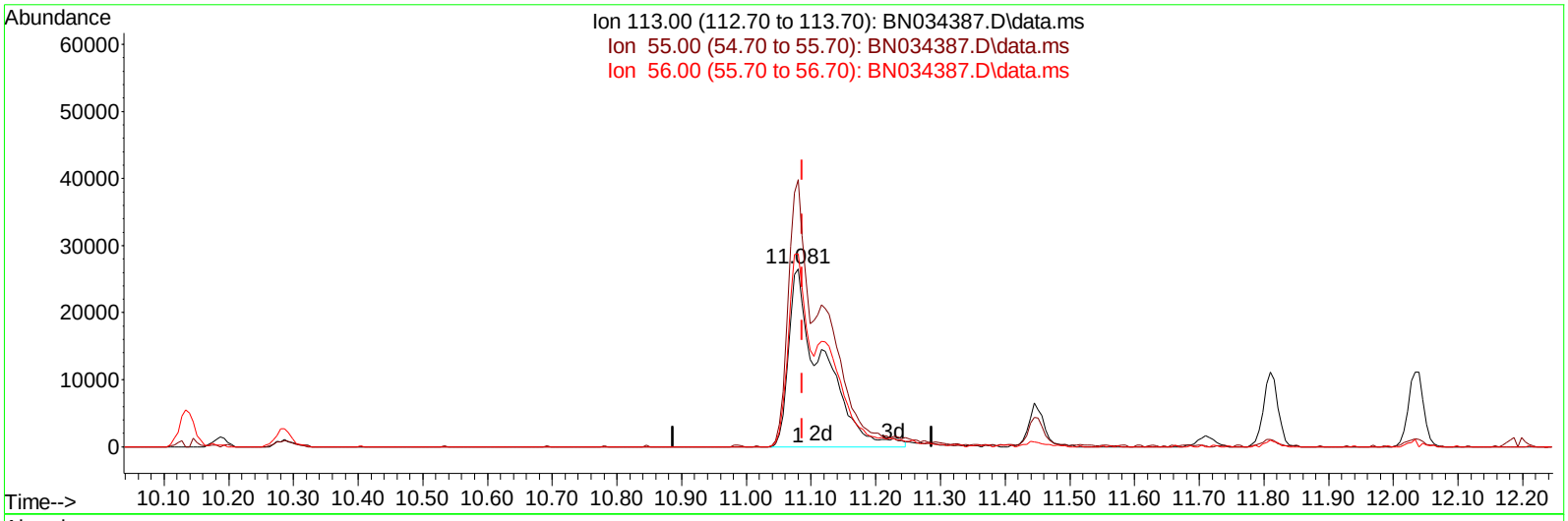

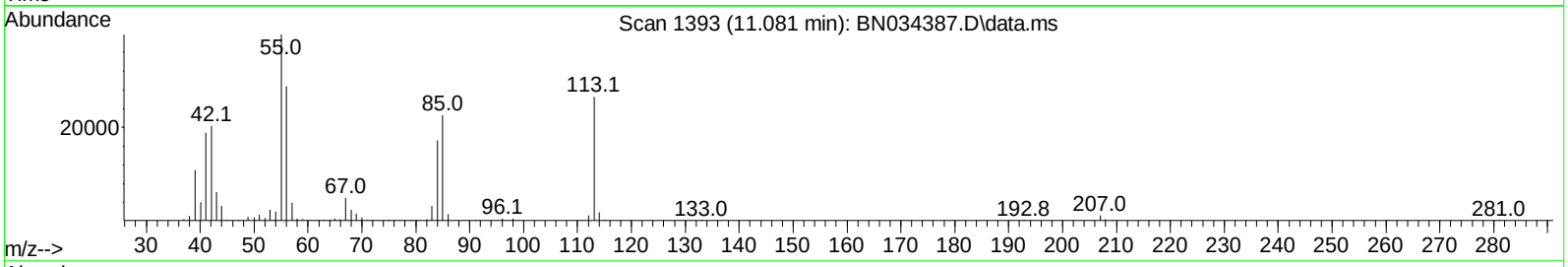

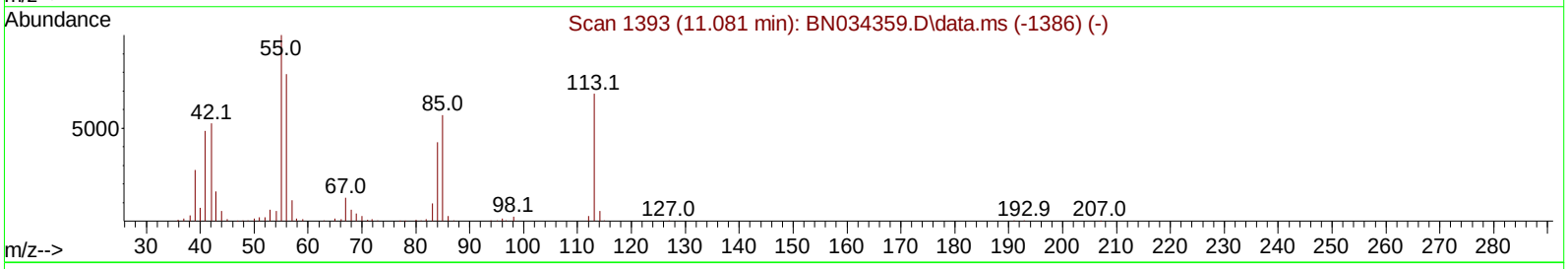

TIC: BN034387.D\data.ms

(34) Caprolactam

11.081min (-0.006) 17.68 ng/ul m

response 96240

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	149.97
56.00	124.60	108.35
0.00	0.00	0.00

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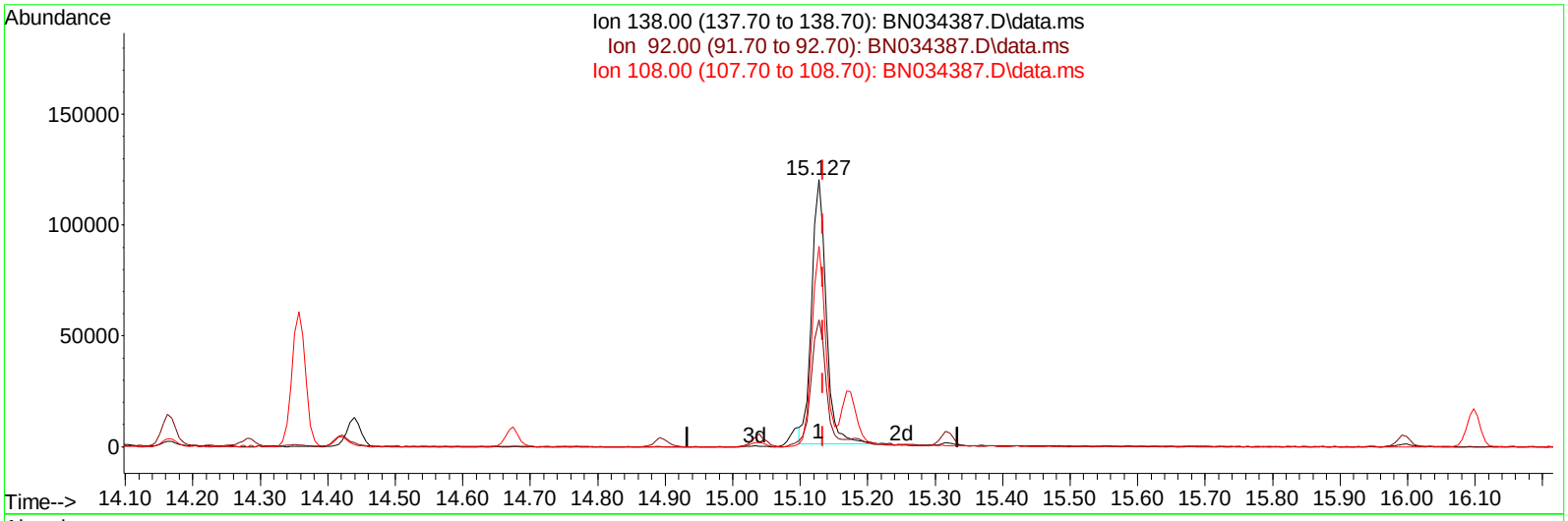

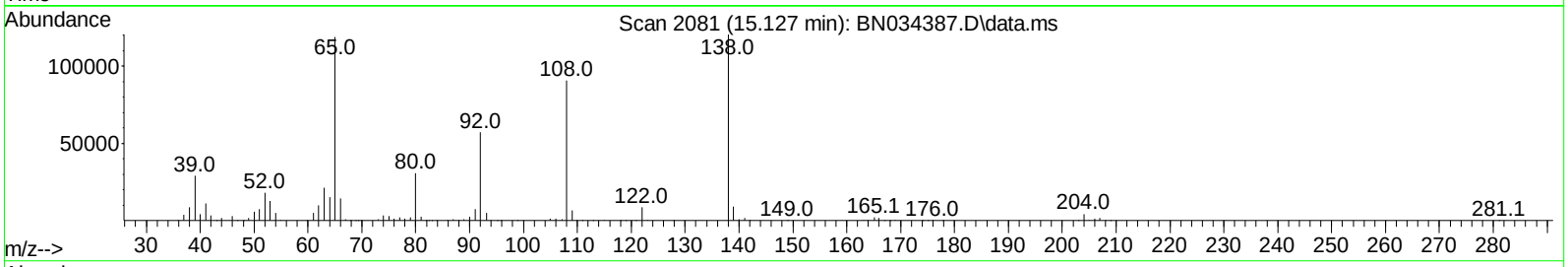

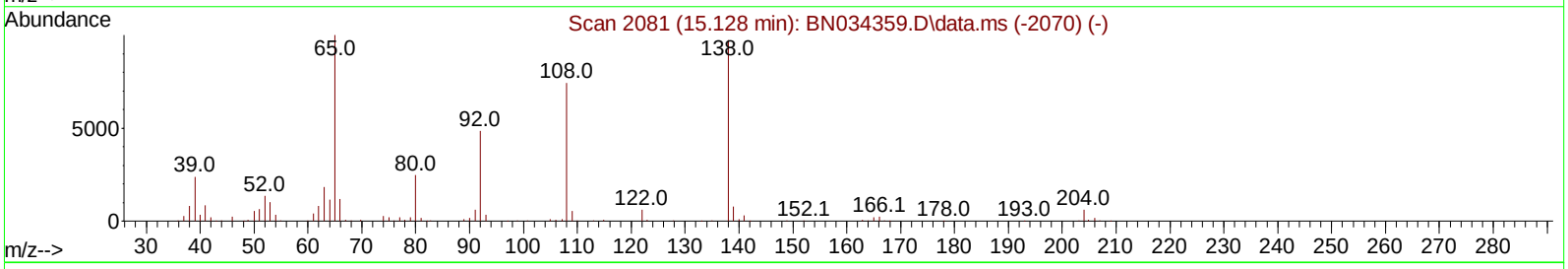

TIC: BN034387.D\data.ms

(63) 4-Nitroaniline

15.127min (-0.006) 19.70 ng/ul

response 178390

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	53.70	47.48
108.00	83.70	75.15
0.00	0.00	0.00

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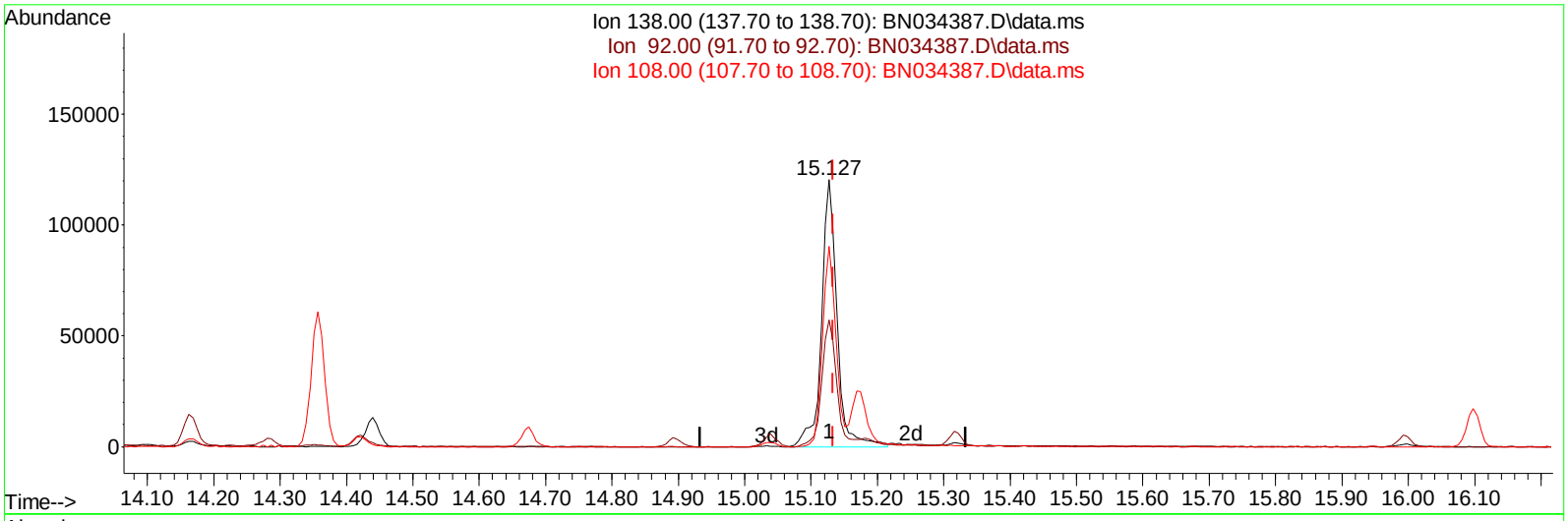

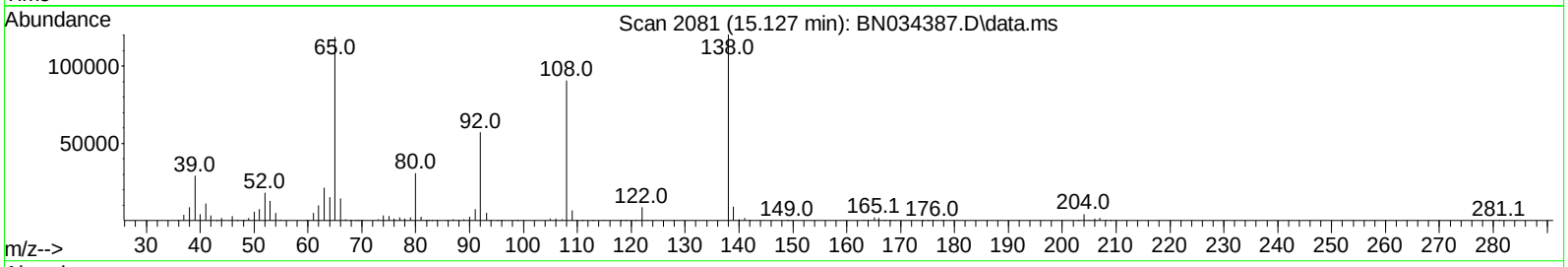

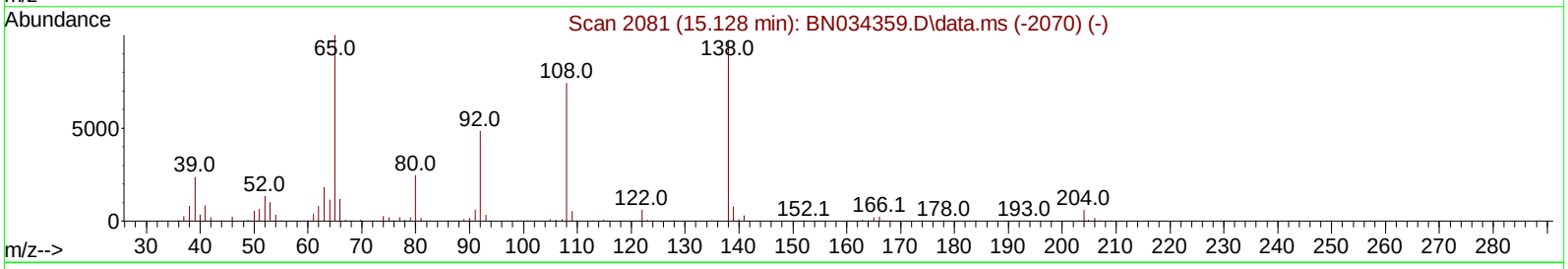

TIC: BN034387.D\data.ms

(63) 4-Nitroaniline

15.127min (-0.006) 21.76 ng/ul m

response 196970

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	53.70	47.48
108.00	83.70	75.15
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 04 Oct 2024 01:44
Operator : RC/JU
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Misc :
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Quant Time: Oct 04 02:45:58 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.381	152	227314	20.000	ng/ul	0.00
20) Naphthalene-d8	10.134	136	874608	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.033	164	530816	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.792	188	1018123	20.000	ng/ul	0.00
79) Chrysene-d12	21.027	240	967509	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	1220418	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.999	96	28202	5.063	ng/uL	0.00
4) Pyridine-d5	3.387	84	355781	21.487	ng/ul	0.00
7) Phenol-d5	6.581	99	442382	21.928	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.740	67	272337	21.757	ng/ul	0.00
11) 2-Chlorophenol-d4	6.922	132	403796	25.428	ng/ul	0.00
15) 4-Methylphenol-d8	8.098	113	350975	21.143	ng/ul	0.00
21) Nitrobenzene-d5	8.522	128	183213	26.282	ng/ul	0.00
24) 2-Nitrophenol-d4	9.239	143	195114	27.218	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	359056	26.596	ng/ul	0.00
31) 4-Chloroaniline-d4	10.286	131	472640	23.125	ng/ul	0.00
46) Dimethylphthalate-d6	13.463	166	976114	24.606	ng/ul	0.00
49) Acenaphthylene-d8	13.722	160	1137821	25.496	ng/ul	0.00
54) 4-Nitrophenol-d4	14.269	143	170807	20.980	ng/ul	0.00
60) Fluorene-d10	15.039	176	828977	24.657	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.174	200	149850	24.685	ng/ul	0.00
73) Anthracene-d10	16.892	188	1221660	25.522	ng/ul	0.00
81) Pyrene-d10	19.204	212	1416331	26.274	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.551	264	1652419	26.359	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	57199	9.734	ng/uL	91
5) Pyridine	3.405	79	342779	20.231	ng/ul	93
6) Benzaldehyde	6.540	77	225566	21.182	ng/ul	92
8) Phenol	6.610	94	439387	20.919	ng/ul	94
10) Bis(2-Chloroethyl)ether	6.828	93	365715	22.402	ng/ul	95
12) 2-Chlorophenol	6.951	128	393410	24.174	ng/ul	94
13) 2-Methylphenol	7.834	108	329019	20.958	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	7.904	45	479069	19.899	ng/ul	97
16) Acetophenone	8.198	105	526940	20.039	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.192	70	250285	19.221	ng/ul	94
18) 4-Methylphenol	8.163	108	362976	20.775	ng/ul	98
19) Hexachloroethane	8.434	117	167685	24.430	ng/ul	92
22) Nitrobenzene	8.569	77	398219	22.823	ng/ul	94
23) Isophorone	9.092	82	684812	21.283	ng/ul	94
25) 2-Nitrophenol	9.269	139	212003	26.425	ng/ul	92
26) 2,4-Dimethylphenol	9.345	107	299926	18.171	ng/ul	91
27) Bis(2-Chloroethoxy)met...	9.581	93	459048	23.187	ng/ul	97
29) 2,4-Dichlorophenol	9.798	162	350340	25.629	ng/ul	98
30) Naphthalene	10.187	128	1181900	24.705	ng/ul	100
32) 4-Chloroaniline	10.304	127	371917	18.466	ng/ul	99
33) Hexachlorobutadiene	10.475	225	237371	27.067	ng/ul	98
34) Caprolactam	11.081	113	96240m	17.683	ng/ul	
35) 4-Chloro-3-methylphenol	11.445	107	342651	21.292	ng/ul	92

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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/05/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.810	142	778499	23.624	ng/ul	98
37) 1-Methylnaphthalene	12.033	142	786240	23.571	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.192	216	426639	27.841	ng/ul	97
40) Hexachlorocyclopentadiene	12.169	237	205502	21.795	ng/ul	99
41) 2,4,6-Trichlorophenol	12.445	196	258244	25.420	ng/ul	94
42) 2,4,5-Trichlorophenol	12.516	196	284327	25.480	ng/ul	97
43) 1,1'-Biphenyl	12.857	154	1000896	25.010	ng/ul	97
44) 2-Chloronaphthalene	12.892	162	789916	25.338	ng/ul	98
45) 2-Nitroaniline	13.110	65	204326	20.282	ng/ul#	83
47) Dimethylphthalate	13.510	163	948482	23.459	ng/ul	99
48) 2,6-Dinitrotoluene	13.627	165	196092	24.631	ng/ul	87
50) Acenaphthylene	13.751	152	1212265	24.825	ng/ul	99
51) 3-Nitroaniline	13.951	138	193755	22.023	ng/ul	96
52) Acenaphthene	14.098	153	827060	23.723	ng/ul	99
53) 2,4-Dinitrophenol	14.163	184	86338	18.438	ng/ul	88
55) 4-Nitrophenol	14.280	109	124668	18.031	ng/ul	90
56) Dibenzofuran	14.439	168	1144700	24.010	ng/ul	98
57) 2,4-Dinitrotoluene	14.422	165	282733	23.557	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.674	232	232651	25.125	ng/ul	91
59) Diethylphthalate	14.898	149	928892	21.986	ng/ul	98
61) Fluorene	15.092	166	929566	23.835	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.104	204	446771	23.634	ng/ul	94
63) 4-Nitroaniline	15.127	138	196970m	21.756	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.186	198	160767	23.849	ng/ul	96
67) N-Nitrosodiphenylamine	15.316	169	789433	25.876	ng/ul	99
68) 4-Bromophenyl-phenylether	15.998	248	289824	28.033	ng/ul#	89
69) Hexachlorobenzene	16.098	284	340104	28.342	ng/ul	94
70) Atrazine	16.286	200	218207	19.740	ng/ul	99
71) Pentachlorophenol	16.451	266	197384	24.697	ng/ul	98
72) Phenanthrene	16.833	178	1415595	25.216	ng/ul	99
74) Anthracene	16.927	178	1404582	24.502	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.810	216	412130	29.085	ng/uL	93
76) Pentachlorobenzene	14.357	250	394159	27.320	ng/uL	98
77) Carbazole	17.204	167	1297664	24.595	ng/ul	99
78) Di-n-butylphthalate	17.792	149	1575238	23.487	ng/ul	98
80) Fluoranthene	18.863	202	1632931	25.911	ng/ul	99
82) Pyrene	19.233	202	1728007	25.506	ng/ul	96
83) Butylbenzylphthalate	20.168	149	685995	22.579	ng/ul	97
84) 3,3'-Dichlorobenzidine	20.951	252	560733	25.802	ng/ul	98
85) Benzo(a)anthracene	21.009	228	1689890	24.497	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	20.974	149	1024413	23.036	ng/ul	96
87) Chrysene	21.068	228	1659666	25.215	ng/ul	97
89) Di-n-octyl phthalate	22.009	149	1726960	21.266	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	1853574	24.911	ng/ul	98
91) Benzo(k)fluoranthene	22.945	252	1837480	25.033	ng/ul	98
93) Benzo(a)pyrene	23.609	252	1687598	24.009	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.721	276	2344590	26.921	ng/ul	98
95) Dibenzo(a,h)anthracene	26.780	278	1935180	27.489	ng/ul	99
96) Benzo(g,h,i)perylene	27.656	276	1880908	27.820	ng/ul	98

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

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