Quantitation Report (Qedit)

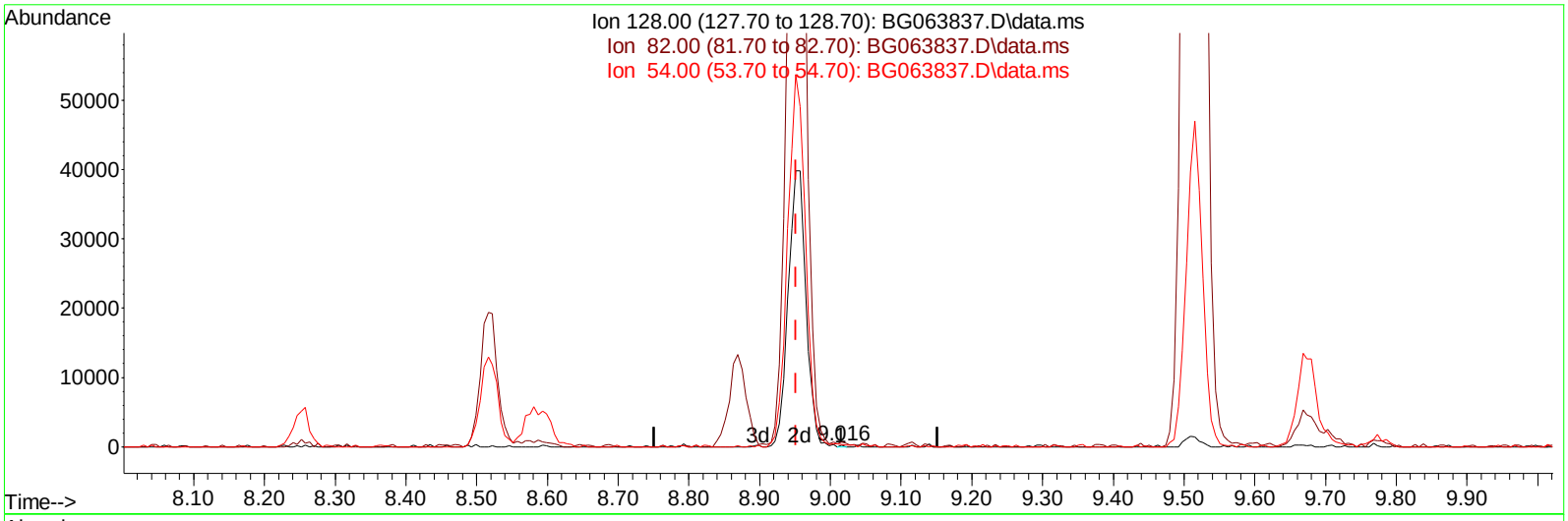
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063837.D
Acq On : 26 Dec 2024 16:24
Operator : RC/JU
Sample : P5331-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

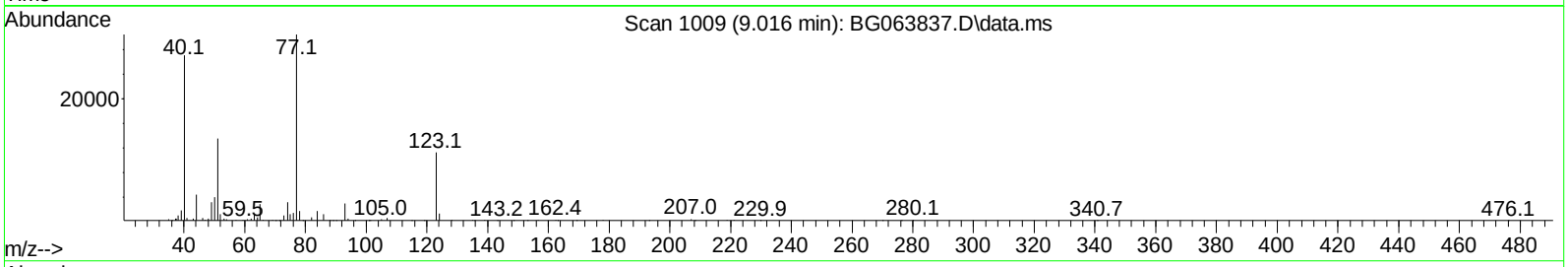
Quant Time: Dec 27 01:21:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration

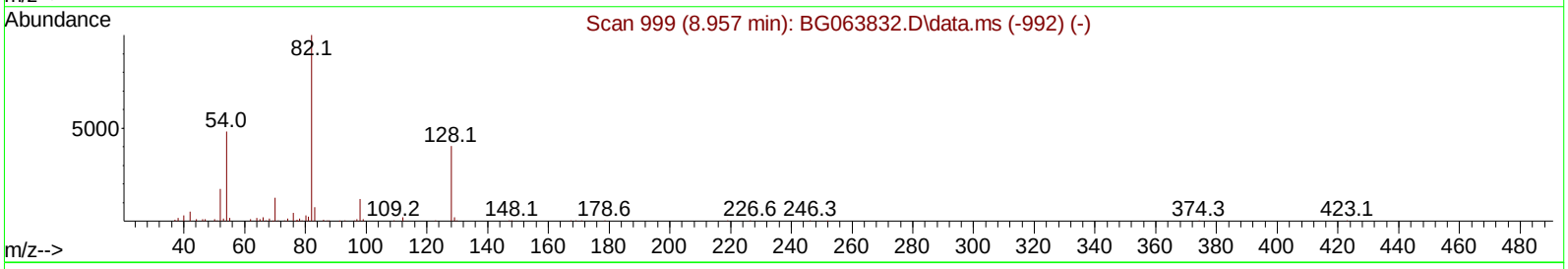
Instrument :
BNA_G
ClientSampleId :
E2AQ1MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024







TIC: BG063837.D\data.ms

(21) Nitrobenzene-d5 (S)

9.016min (+ 0.065) 0.03 ng/ul

response 76

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	300.20	329.77
54.00	156.50	147.44
0.00	0.00	0.00

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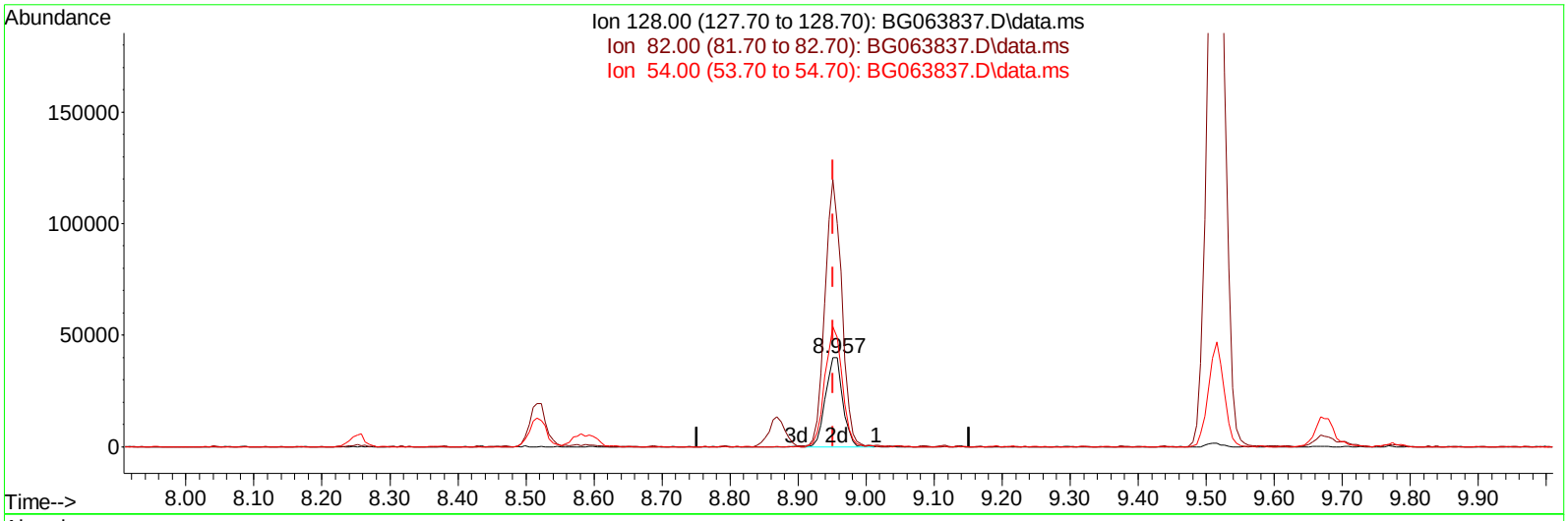

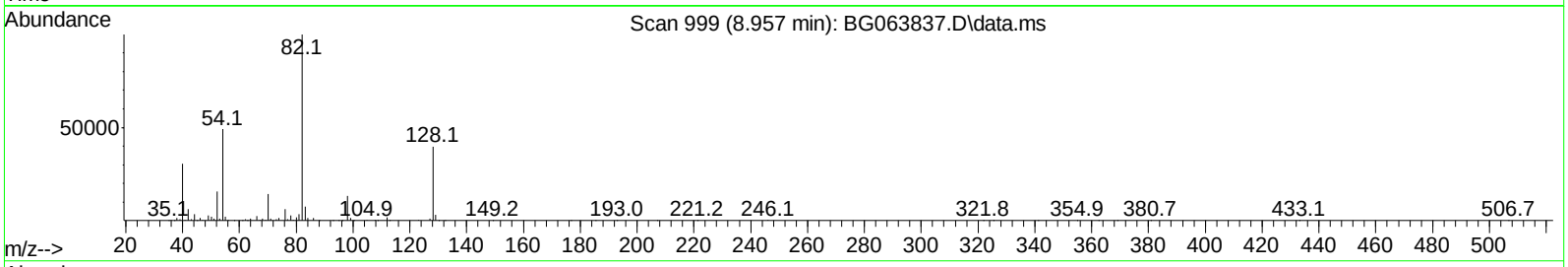

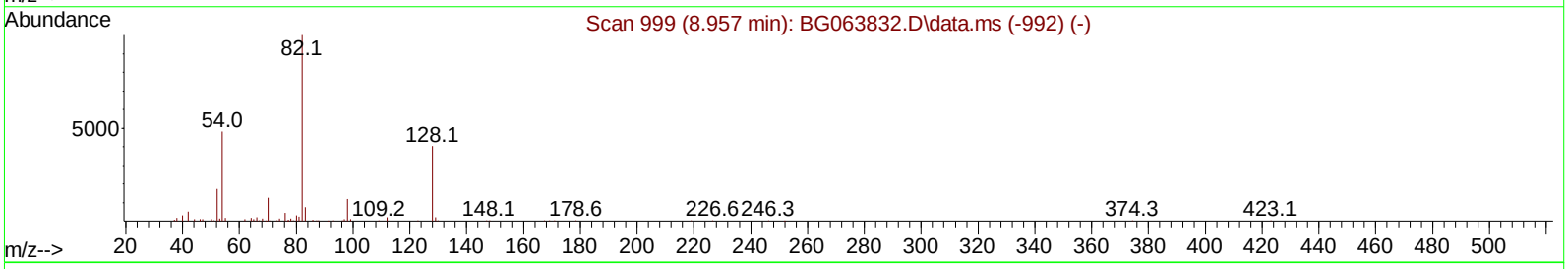

TIC: BG063837.D\data.ms

(21) Nitrobenzene-d5 (S)

8.957min (+ 0.006) 31.04 ng/ul m

response 69622

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	300.20	250.79
54.00	156.50	123.21#
0.00	0.00	0.00

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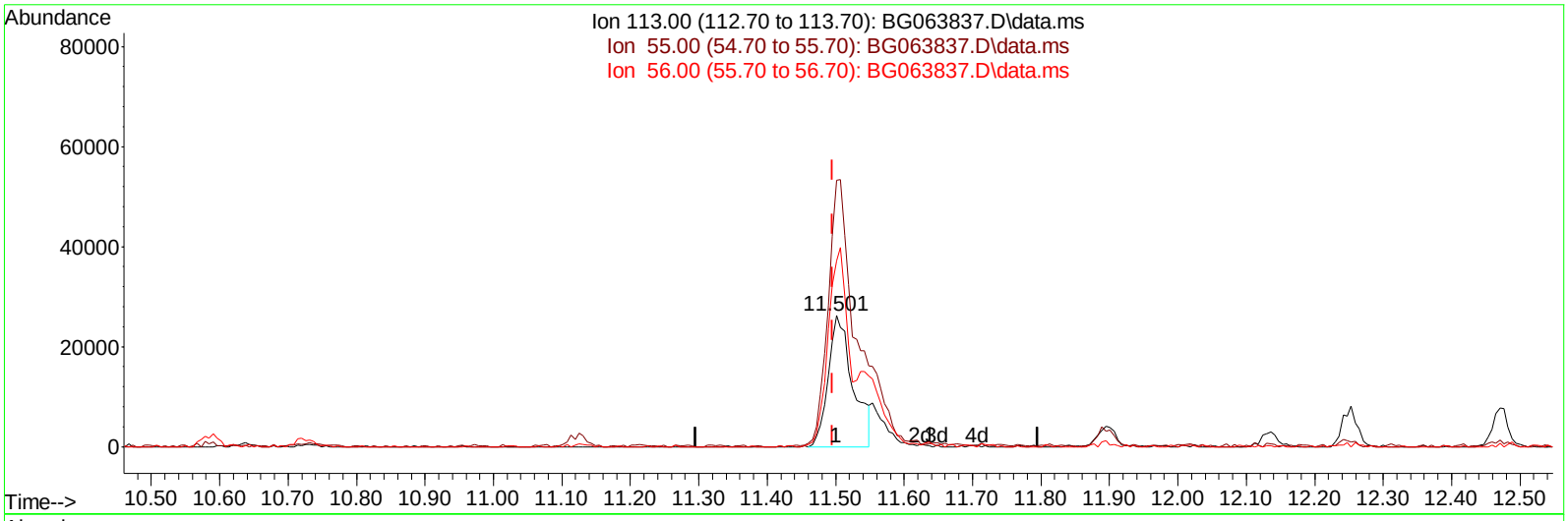

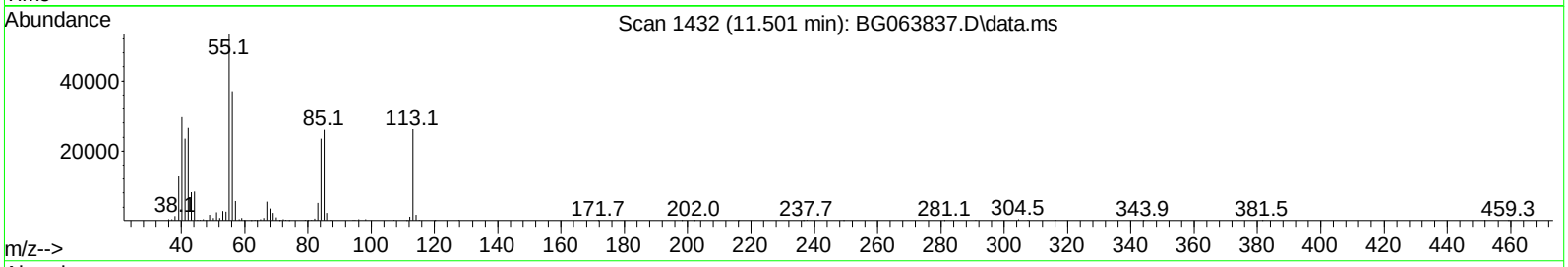

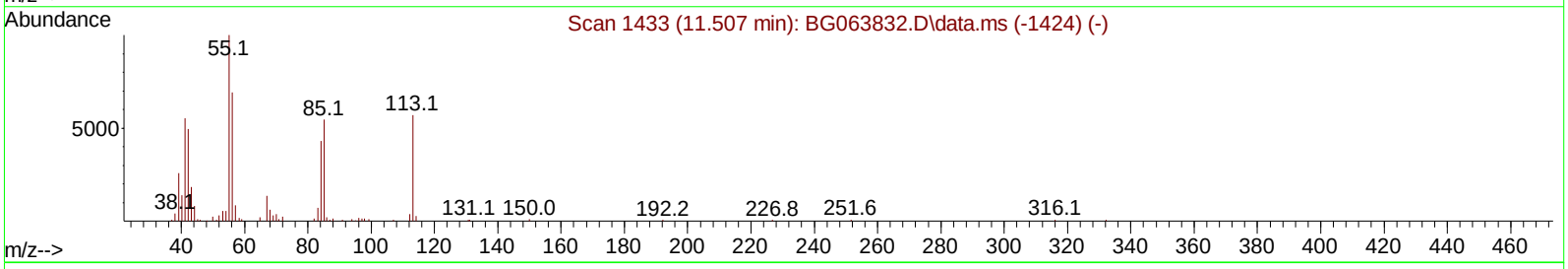

TIC: BG063837.D\data.ms

(34) Caprolactam

11.501min (+ 0.006) 39.10 ng/ul

response 65389

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	202.99
56.00	133.90	141.54
0.00	0.00	0.00

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Misc :
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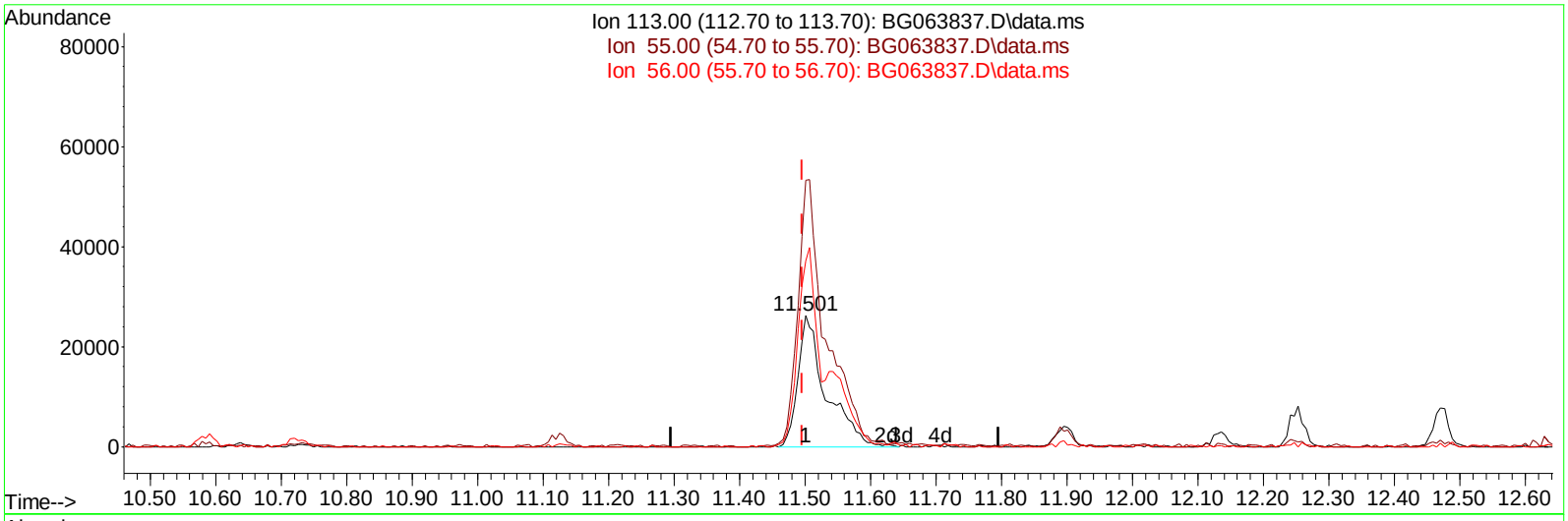

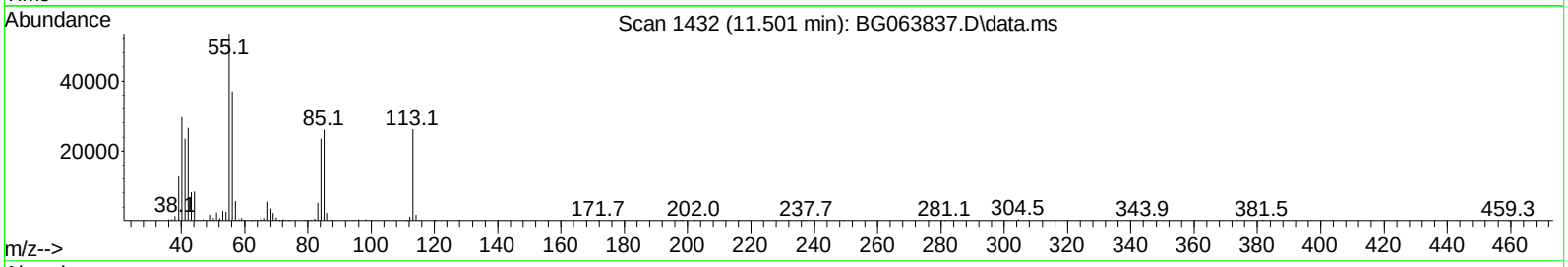

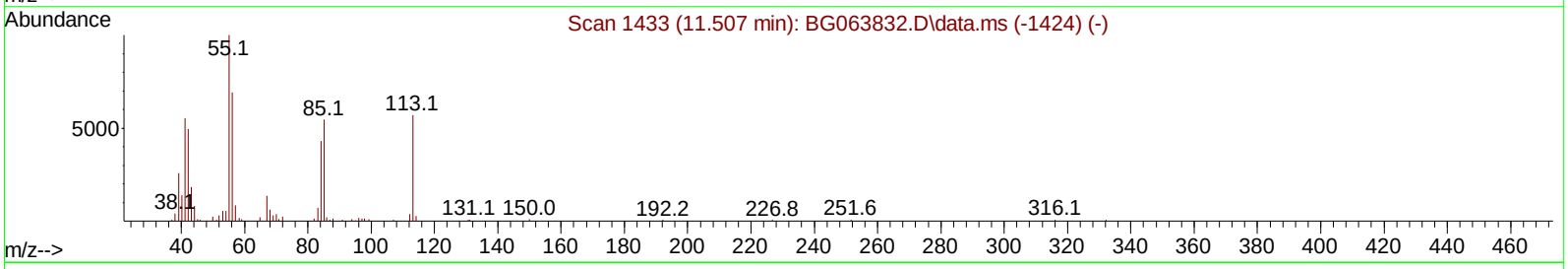

TIC: BG063837.D\data.ms

(34) Caprolactam

11.501min (+ 0.006) 46.90 ng/ul m

response 78421

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	202.99
56.00	133.90	141.54
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	75625	20.000	ng/ul	0.00
20) Naphthalene-d8	10.585	136	314172	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	262811	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.195	188	624970	20.000	ng/ul	0.00
79) Chrysene-d12	21.442	240	647053	20.000	ng/ul	0.00
88) Perylene-d12	24.457	264	673395	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	9965	5.164	ng/uL	0.00
4) Pyridine-d5	3.663	84	150440	24.712	ng/ul	0.00
7) Phenol-d5	6.983	99	200436	28.778	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	121575	25.273	ng/ul	0.00
11) 2-Chlorophenol-d4	7.335	132	121193	26.877	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	151954	28.100	ng/ul	0.00
21) Nitrobenzene-d5	8.957	128	69622m	31.037	ng/ul	0.00
24) 2-Nitrophenol-d4	9.674	143	79378	31.568	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.220	165	160839	33.038	ng/ul	0.00
31) 4-Chloroaniline-d4	10.726	131	176717	28.588	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	555841	31.082	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	612424	30.042	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	91202	35.994	ng/ul	0.00
60) Fluorene-d10	15.438	176	493130	31.188	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.573	200	100481	30.966	ng/ul	0.00
73) Anthracene-d10	17.294	188	866715	32.256	ng/ul	0.00
81) Pyrene-d10	19.592	212	992273	29.470	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.251	264	938059	29.664	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	32925	14.417	ng/uL#	82
5) Pyridine	3.681	79	251014	38.495	ng/ul	91
6) Benzaldehyde	6.942	77	23588	5.521	ng/ul	96
8) Phenol	7.012	94	290156	39.089	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.218	93	198717	34.989	ng/ul	96
12) 2-Chlorophenol	7.371	128	173917	38.103	ng/ul	96
13) 2-Methylphenol	8.252	108	202844	37.809	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.311	45	296353	35.149	ng/ul	98
16) Acetophenone	8.616	105	338516	36.908	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.599	70	192842	35.237	ng/ul#	95
18) 4-Methylphenol	8.581	108	233551	39.775	ng/ul	98
19) Hexachloroethane	8.869	117	75116	33.493	ng/ul	97
22) Nitrobenzene	8.992	77	288500	38.514	ng/ul	96
23) Isophorone	9.515	82	548851	38.778	ng/ul	98
25) 2-Nitrophenol	9.703	139	111757	43.246	ng/ul	87
26) 2,4-Dimethylphenol	9.774	107	244315	41.664	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.997	93	298921	39.048	ng/ul#	96
29) 2,4-Dichlorophenol	10.250	162	208335	43.068	ng/ul	95
30) Naphthalene	10.637	128	623169	39.673	ng/ul	99
32) 4-Chloroaniline	10.749	127	151434	25.748	ng/ul	95
33) Hexachlorobutadiene	10.919	225	134889	34.323	ng/ul	98
34) Caprolactam	11.501	113	78421m	46.898	ng/ul	
35) 4-Chloro-3-methylphenol	11.895	107	255441	44.979	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E2AQ1MS

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.253	142	458410	40.606 ng/ul	95
37) 1-Methylnaphthalene	12.471	142	466401	40.559 ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.629	216	285991	33.993 ng/ul	95
40) Hexachlorocyclopentadiene	12.600	237	54181	16.291 ng/ul	94
41) 2,4,6-Trichlorophenol	12.876	196	184781	38.859 ng/ul	96
42) 2,4,5-Trichlorophenol	12.952	196	199444	40.190 ng/ul	94
43) 1,1'-Biphenyl	13.270	154	642728	37.083 ng/ul	96
44) 2-Chloronaphthalene	13.311	162	512189	36.801 ng/ul	98
45) 2-Nitroaniline	13.522	65	203671	43.688 ng/ul	91
47) Dimethylphthalate	13.892	163	712988	39.781 ng/ul	99
48) 2,6-Dinitrotoluene	14.022	165	143929	43.240 ng/ul#	96
50) Acenaphthylene	14.157	152	846774	38.739 ng/ul	99
51) 3-Nitroaniline	14.351	138	145408	47.249 ng/ul	93
52) Acenaphthene	14.504	153	614227	39.646 ng/ul	96
53) 2,4-Dinitrophenol	14.574	184	68389	40.204 ng/ul#	86
55) 4-Nitrophenol	14.692	109	102208	38.847 ng/ul	95
56) Dibenzofuran	14.838	168	872371	39.939 ng/ul	97
57) 2,4-Dinitrotoluene	14.815	165	225218	45.536 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.079	232	169330	39.584 ng/ul	96
59) Diethylphthalate	15.261	149	711431	41.061 ng/ul	98
61) Fluorene	15.491	166	715773	41.039 ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.485	204	376591	38.757 ng/ul	97
63) 4-Nitroaniline	15.520	138	163503	53.069 ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.591	198	139277	41.664 ng/ul	92
67) N-Nitrosodiphenylamine	15.702	169	634425	41.921 ng/ul	97
68) 4-Bromophenyl-phenylether	16.378	248	251813	39.536 ng/ul	98
69) Hexachlorobenzene	16.507	284	283730	39.760 ng/ul	98
70) Atrazine	16.654	200	261976	40.951 ng/ul	96
71) Pentachlorophenol	16.854	266	105210	34.968 ng/ul	96
72) Phenanthrene	17.236	178	1297742	43.090 ng/ul	99
74) Anthracene	17.330	178	1301299	42.690 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.234	216	286260	34.330 ng/ul	98
76) Pentachlorobenzene	14.768	250	311210	37.673 ng/ul	97
77) Carbazole	17.600	167	1155116	46.814 ng/ul	98
78) Di-n-butylphthalate	18.158	149	1324337	44.442 ng/ul	98
80) Fluoranthene	19.257	202	1538881	40.211 ng/ul	97
82) Pyrene	19.621	202	1636645	40.196 ng/ul#	94
83) Butylbenzylphthalate	20.514	149	577352	46.192 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.348	252	414686	35.502 ng/ul	96
85) Benzo(a)anthracene	21.425	228	1576599	38.879 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.337	149	844866	46.468 ng/ul	97
87) Chrysene	21.489	228	1526416	39.494 ng/ul	99
89) Di-n-octyl phthalate	22.471	149	1464618	50.391 ng/ul	100
90) Benzo(b)fluoranthene	23.505	252	1570263	41.028 ng/ul	100
91) Benzo(k)fluoranthene	23.569	252	1614541	42.291 ng/ul	99
93) Benzo(a)pyrene	24.316	252	1488625	41.438 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.864	276	1879599	42.843 ng/ul	96
95) Dibenzo(a,h)anthracene	27.911	278	1523646	43.403 ng/ul	98
96) Benzo(g,h,i)perylene	28.928	276	1463933	42.051 ng/ul	96

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

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