Quantitation Report (Qedit)

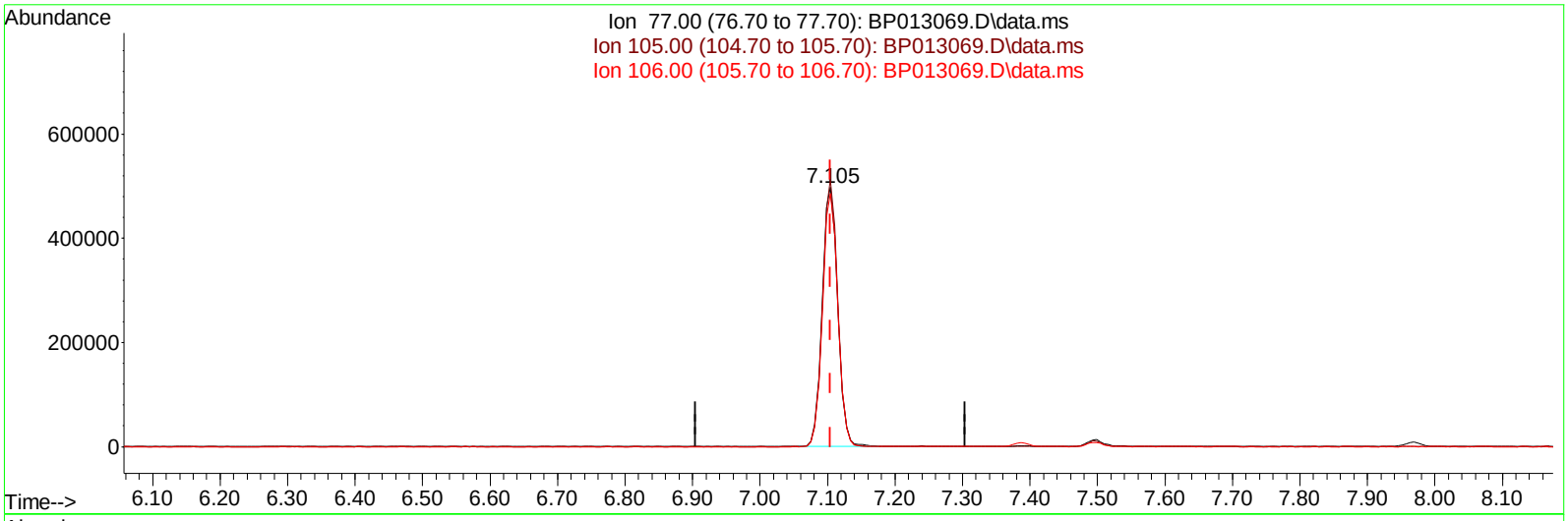
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013069.D
Acq On : 11 Dec 2022 08:21
Operator : CG/JU
Sample : N5927-16MS
Misc :
ALS Vial : 40 Sample Multiplier: 1

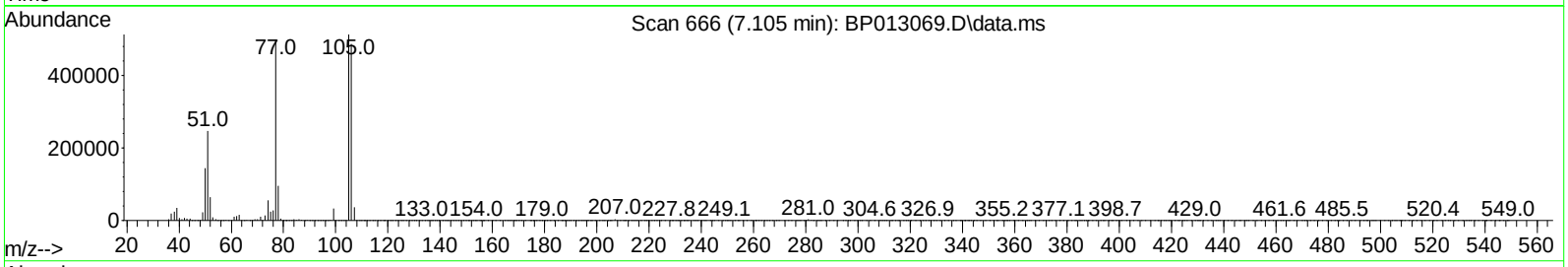
Quant Time: Dec 12 03:32:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 01:32:54 2022
Response via : Initial Calibration

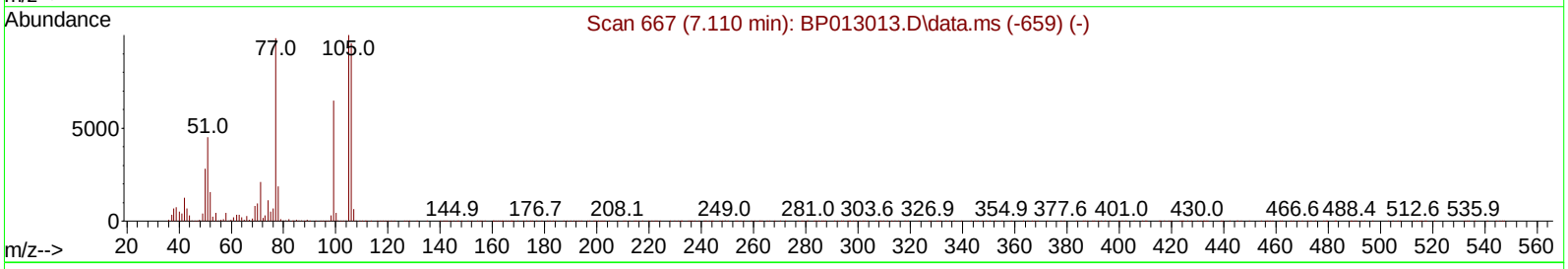
Instrument :
BNA_P
ClientSampleId :
EXZA2MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022







TIC: BP013069.D\data.ms

(6) Benzaldehyde

7.105min (-0.000) 59.32 ng/ul

response 796487

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.90	102.85
106.00	96.10	97.69
0.00	0.00	0.00

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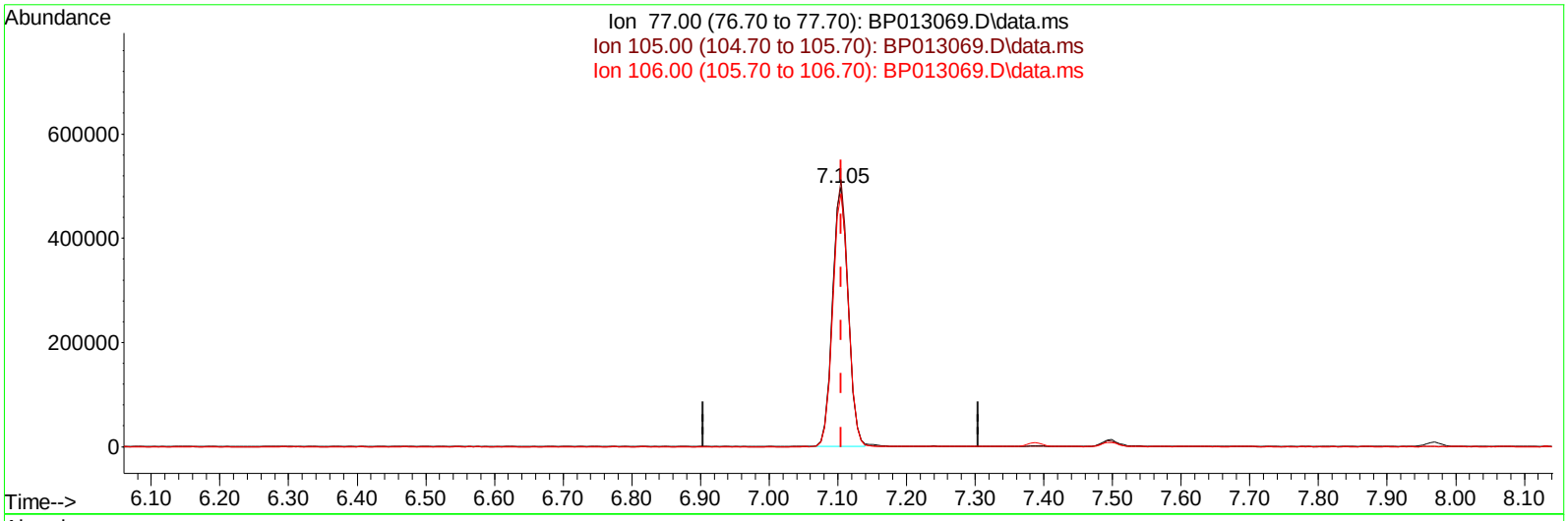

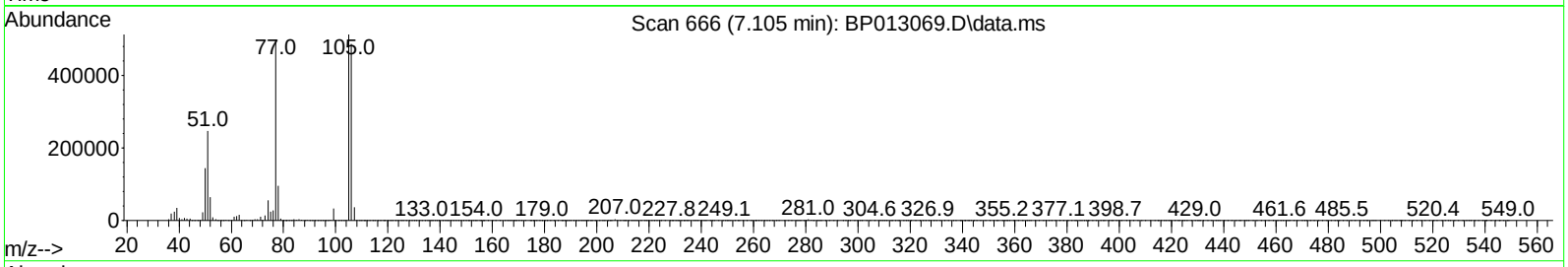

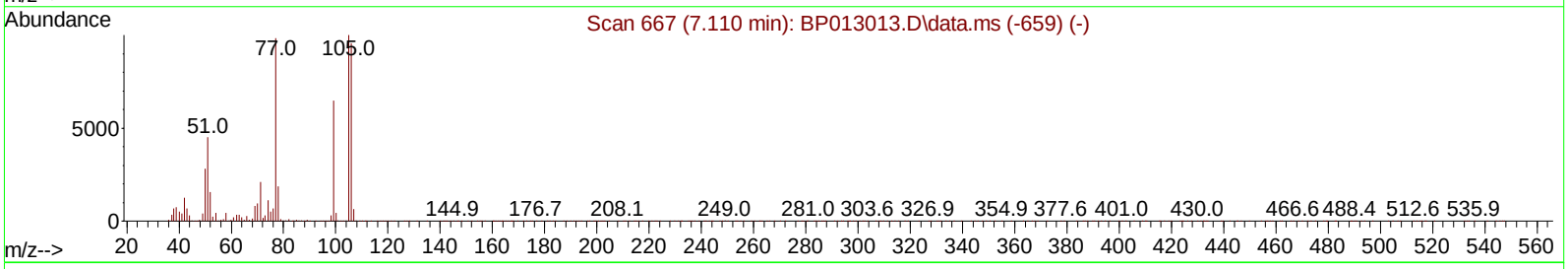

TIC: BP013069.D\data.ms

(6) Benzaldehyde

7.105min (-0.000) 58.90 ng/ul m

response 790775

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.90	102.85
106.00	96.10	97.69
0.00	0.00	0.00

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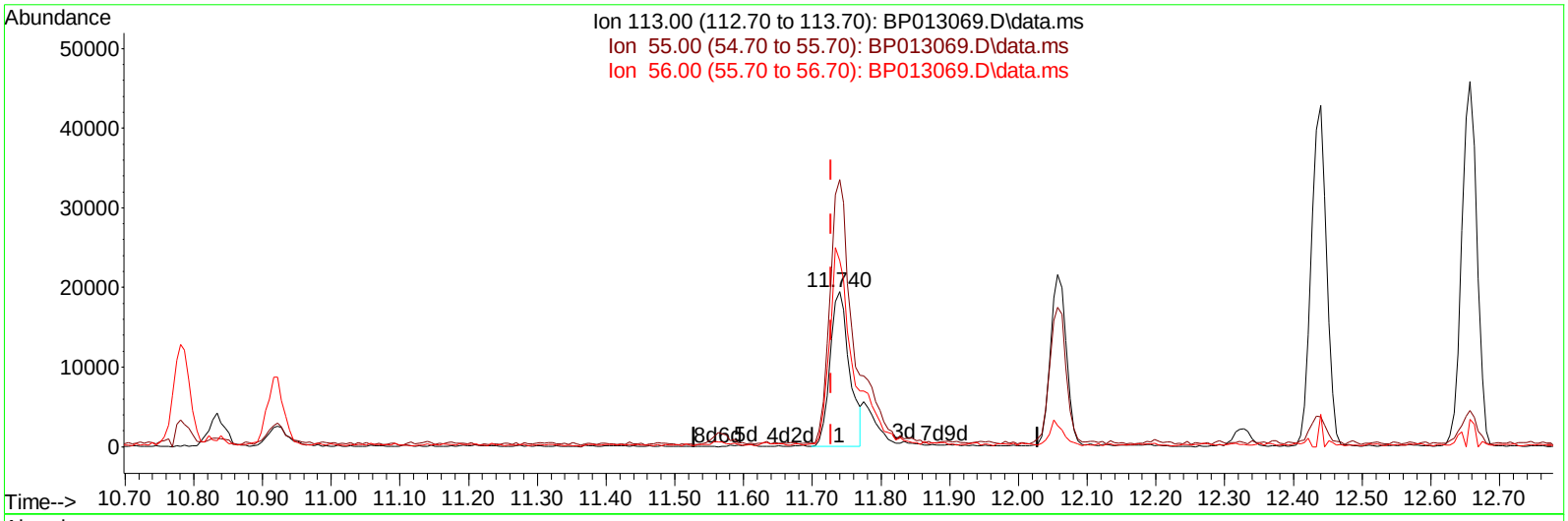

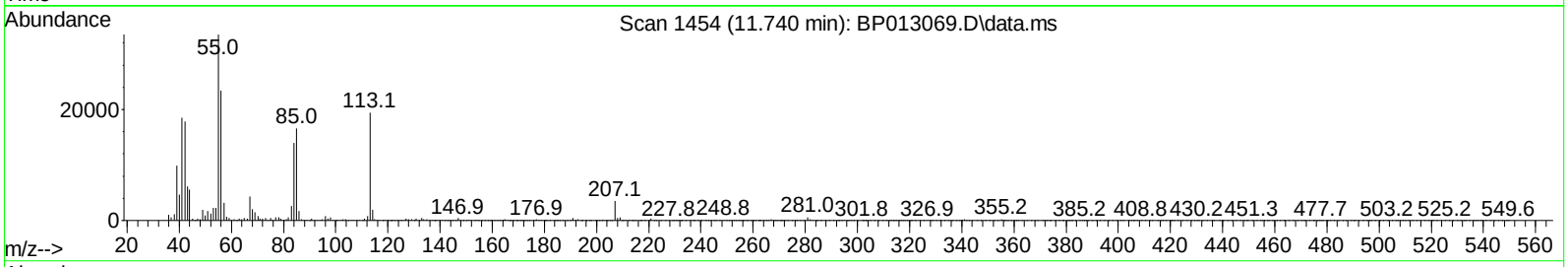

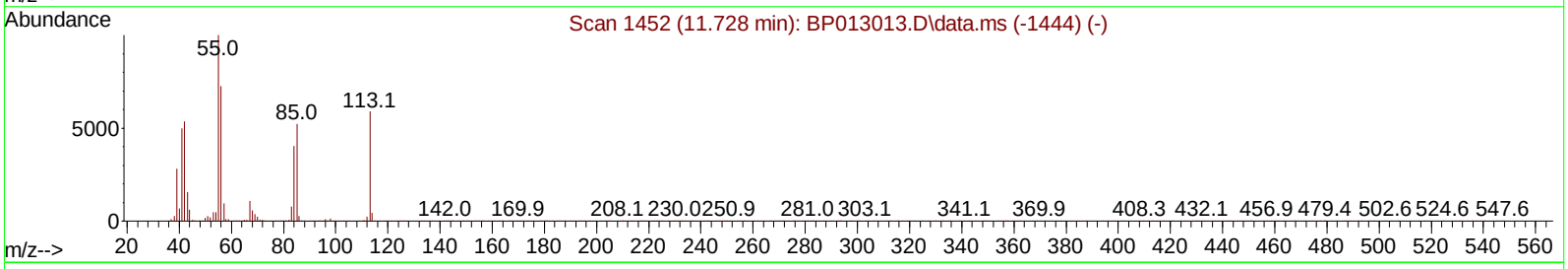

TIC: BP013069.D\data.ms

(34) Caprolactam

11.740min (+ 0.012) 3.75 ng/ul

response 38162

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.40	172.10
56.00	124.50	120.09
0.00	0.00	0.00

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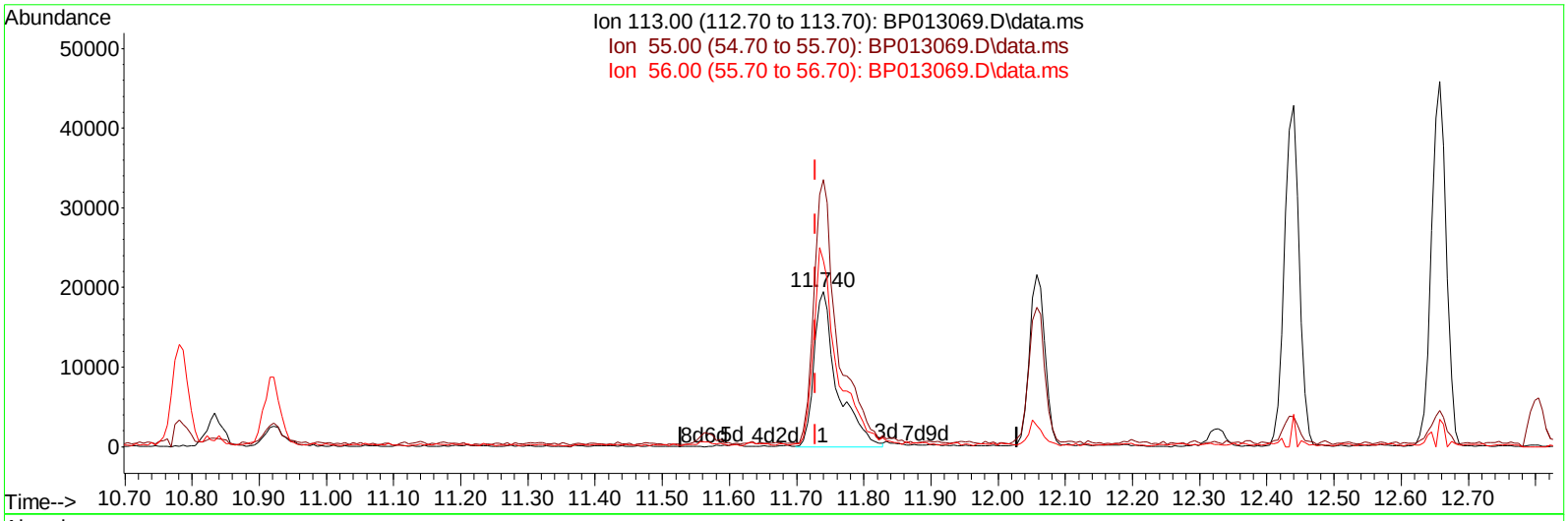

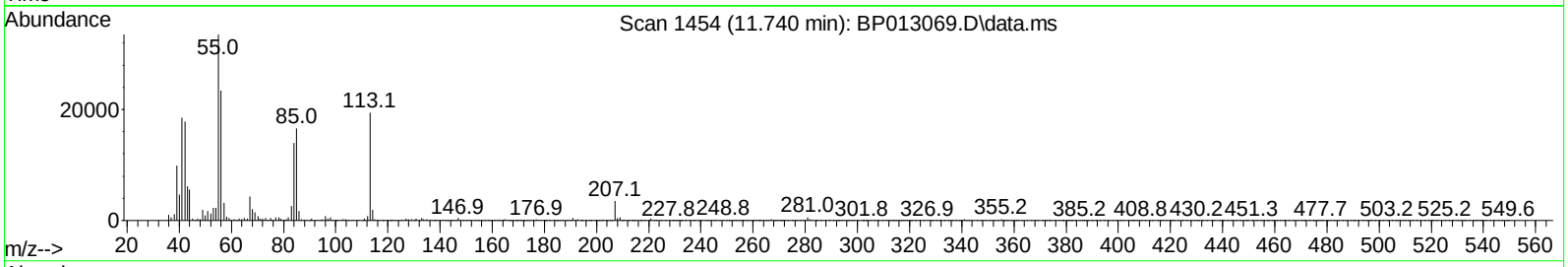

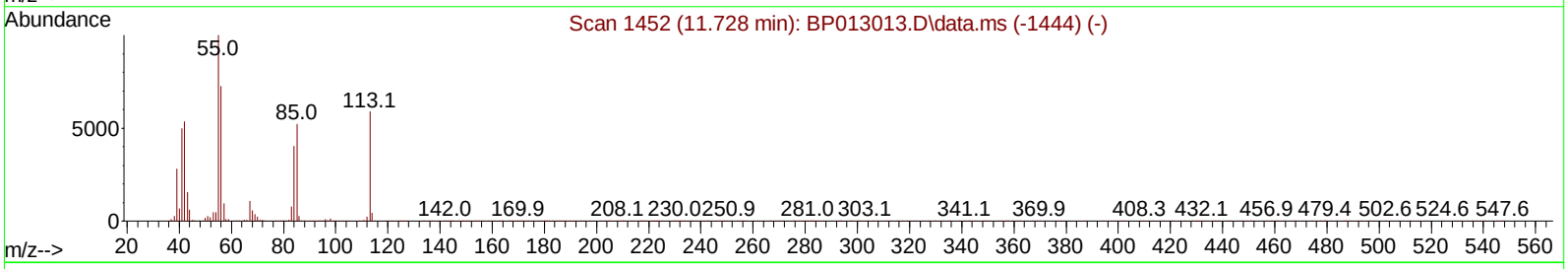

TIC: BP013069.D\data.ms

(34) Caprolactam

11.740min (+ 0.012) 4.60 ng/ul m

response 46753

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.40	172.10
56.00	124.50	120.09
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	420961	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	1894039	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	1279636	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.363	188	3026172	20.000	ng/ul	0.00
79) Chrysene-d12	21.451	240	3189417	20.000	ng/ul	0.00
88) Perylene-d12	23.939	264	3385899	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	49207	4.998	ng/uL	0.00
4) Pyridine-d5	3.781	84	267472	9.564	ng/ul	0.00
7) Phenol-d5	7.122	99	302042	8.809	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	900661	43.544	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	907469	33.620	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	588236	20.937	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	619153	44.492	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	676663	43.191	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	1220704	40.115	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	1326735	30.883	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	4326389	43.992	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	4800075	44.418	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	171952	9.720	ng/ul	0.00
60) Fluorene-d10	15.604	176	3745867	45.022	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	832879	42.769	ng/ul	0.00
73) Anthracene-d10	17.463	188	6200703	45.418	ng/ul	0.00
81) Pyrene-d10	19.692	212	7755555	42.363	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.780	264	7864797	46.601	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	66924	6.511	ng/uL	97
5) Pyridine	3.799	79	349447	12.572	ng/ul	96
6) Benzaldehyde	7.105	77	790775m	58.898	ng/ul	
8) Phenol	7.152	94	352503	10.168	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.387	93	1250526	43.948	ng/ul	99
12) 2-Chlorophenol	7.528	128	962966	34.789	ng/ul	97
13) 2-Methylphenol	8.410	108	710035	26.270	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.504	45	1825292	46.747	ng/ul	98
16) Acetophenone	8.799	105	1988786	46.167	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.781	70	995676	45.963	ng/ul	98
18) 4-Methylphenol	8.740	108	672417	22.461	ng/ul	98
19) Hexachloroethane	9.057	117	409378	37.010	ng/ul	97
22) Nitrobenzene	9.181	77	1480682	45.343	ng/ul	99
23) Isophorone	9.710	82	2915785	44.159	ng/ul	99
25) 2-Nitrophenol	9.893	139	742310	43.729	ng/ul	98
26) 2,4-Dimethylphenol	9.951	107	973719	29.399	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.187	93	1791228	42.426	ng/ul	100
29) 2,4-Dichlorophenol	10.428	162	1223510	41.045	ng/ul	99
30) Naphthalene	10.834	128	4182370	42.222	ng/ul	100
32) 4-Chloroaniline	10.945	127	1226009	28.839	ng/ul	99
33) Hexachlorobutadiene	11.116	225	811046	39.627	ng/ul	98
34) Caprolactam	11.740	113	46753m	4.600	ng/ul	
35) 4-Chloro-3-methylphenol	12.057	107	1181713	38.846	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
EXZA2MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.440	142	3040473	44.742	ng/ul	100
37) 1-Methylnaphthalene	12.657	142	3055876	43.727	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.804	216	1808235	43.884	ng/ul	100
40) Hexachlorocyclopentadiene	12.781	237	634417	23.660	ng/ul	99
41) 2,4,6-Trichlorophenol	13.039	196	1155233	43.625	ng/ul	100
42) 2,4,5-Trichlorophenol	13.110	196	1277220	44.902	ng/ul	99
43) 1,1'-Biphenyl	13.445	154	4127165	42.944	ng/ul	99
44) 2-Chloronaphthalene	13.487	162	3327943	43.998	ng/ul	99
45) 2-Nitroaniline	13.692	65	971163	52.957	ng/ul	100
47) Dimethylphthalate	14.063	163	4398291	45.123	ng/ul	100
48) 2,6-Dinitrotoluene	14.186	165	928685	51.267	ng/ul	98
50) Acenaphthylene	14.334	152	5128231	44.140	ng/ul	100
51) 3-Nitroaniline	14.516	138	823945	48.170	ng/ul	99
52) Acenaphthene	14.675	153	3625847	45.036	ng/ul	99
53) 2,4-Dinitrophenol	14.722	184	540006	43.611	ng/ul	97
55) 4-Nitrophenol	14.816	109	133512	11.061	ng/ul	97
56) Dibenzofuran	15.010	168	5189063	45.332	ng/ul	100
57) 2,4-Dinitrotoluene	14.975	165	1345940	51.151	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.233	232	1152671	44.405	ng/ul	97
59) Diethylphthalate	15.428	149	4487193	47.356	ng/ul	99
61) Fluorene	15.657	166	4221695	45.987	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.651	204	2234415	46.025	ng/ul	99
63) 4-Nitroaniline	15.681	138	965416	64.141	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.739	198	828060	43.512	ng/ul	98
67) N-Nitrosodiphenylamine	15.863	169	3689561	43.977	ng/ul	100
68) 4-Bromophenyl-phenylether	16.545	248	1454161	44.248	ng/ul	98
69) Hexachlorobenzene	16.669	284	1755046	44.976	ng/ul	98
70) Atrazine	16.816	200	855013	26.152	ng/ul	99
71) Pentachlorophenol	17.010	266	973702	41.203	ng/ul	99
72) Phenanthrene	17.410	178	7282289	46.201	ng/ul	99
74) Anthracene	17.498	178	7256663	46.108	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	1834240	42.484	ng/uL	99
76) Pentachlorobenzene	14.928	250	1885384	42.831	ng/uL	100
77) Carbazole	17.769	167	6778026	51.138	ng/ul	100
78) Di-n-butylphthalate	18.310	149	8202214	50.825	ng/ul	100
80) Fluoranthene	19.369	202	9129562	43.938	ng/ul	99
82) Pyrene	19.721	202	9346330	43.606	ng/ul	99
83) Butylbenzylphthalate	20.586	149	3928548	47.444	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.363	252	3005643	41.715	ng/ul	100
85) Benzo(a)anthracene	21.433	228	9842672	46.487	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.345	149	5724001	49.005	ng/ul	98
87) Chrysene	21.492	228	9185159	45.874	ng/ul	99
89) Di-n-octyl phthalate	22.298	149	10103854	53.266	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	10287490	47.647	ng/ul	99
91) Benzo(k)fluoranthene	23.227	252	9833880	45.932	ng/ul	99
93) Benzo(a)pyrene	23.833	252	8781321	46.710	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.556	276	10310652	44.030	ng/ul	98
95) Dibenzo(a,h)anthracene	26.568	278	9142703	47.155	ng/ul	99
96) Benzo(g,h,i)perylene	27.351	276	8629166	45.900	ng/ul	100

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

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