

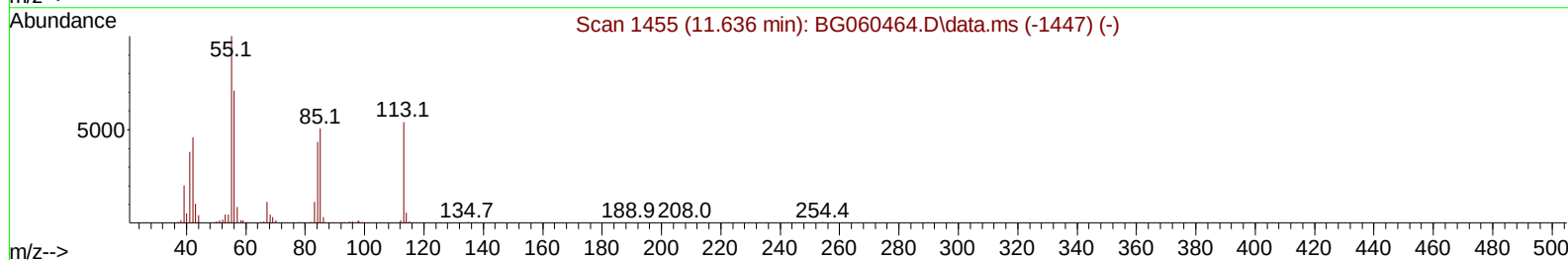
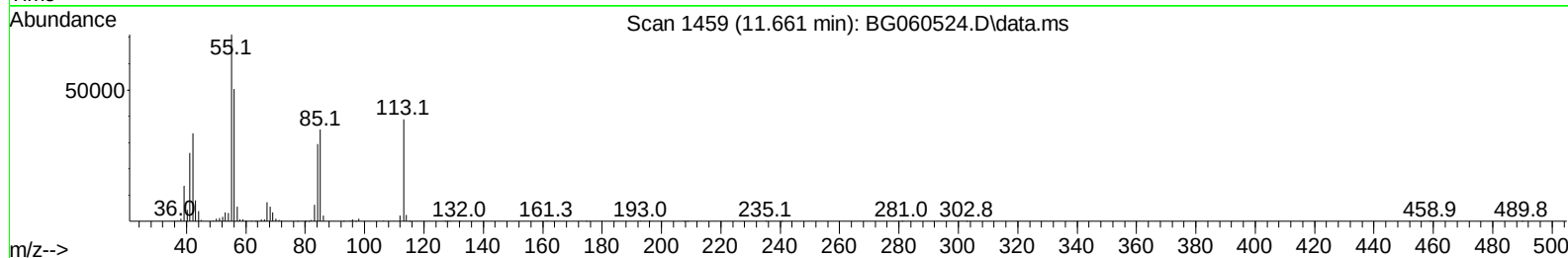
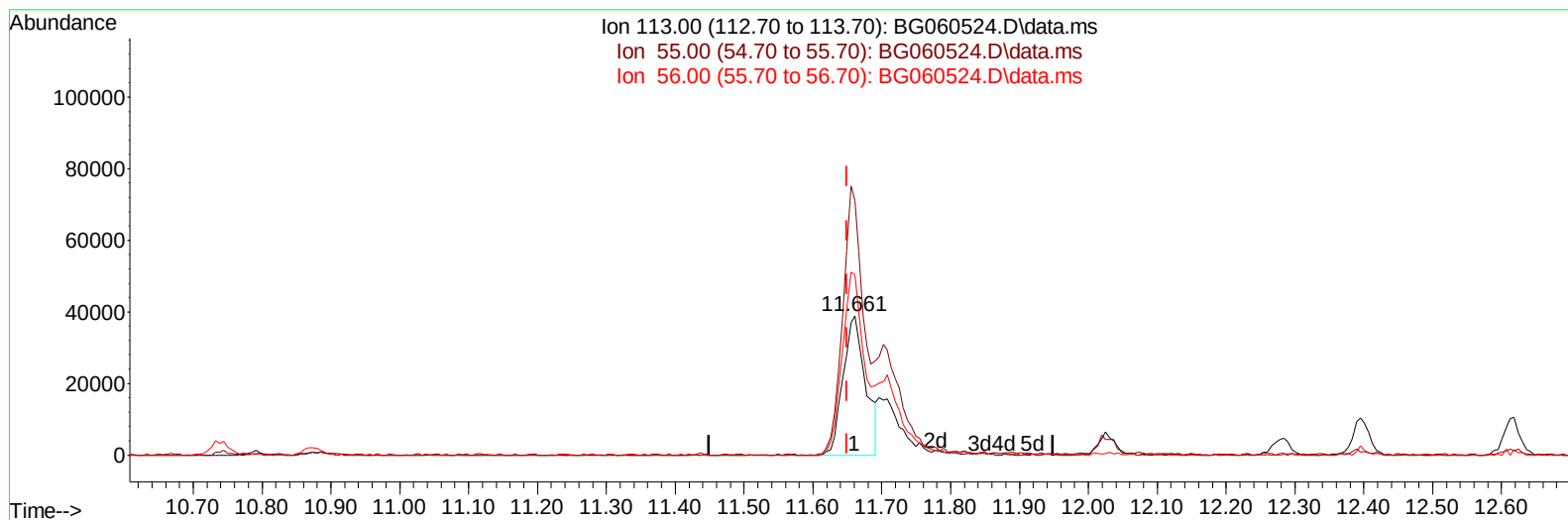
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020124\
Data File : BG060524.D
Acq On : 1 Feb 2024 1:18
Operator : MA/JU
Sample : PB158720BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS720

Manual IntegrationsAPPROVED

Quant Time: Feb 01 01:58:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG012624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 31 22:04:13 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



TIC: BG060524.D\data.ms

(34) Caprolactam

11.661min (+ 0.012) 25.25 ng/ul

response 87898

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.80	182.82
56.00	125.70	129.84
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	133844	20.000	ng/ul	0.00
20) Naphthalene-d8	10.738	136	607037	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.569	164	519261	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.319	188	1323965	20.000	ng/ul	0.00
79) Chrysene-d12	21.584	240	1206246	20.000	ng/ul	0.00
88) Perylene-d12	24.757	264	1345906	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	17227	6.450	ng/uL	0.00
4) Pyridine-d5	3.782	84	230998	27.339	ng/ul	0.00
7) Phenol-d5	7.101	99	356292	28.029	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.260	67	204854	25.645	ng/ul	0.00
11) 2-Chlorophenol-d4	7.472	132	236255	27.832	ng/ul	0.00
15) 4-Methylphenol-d8	8.647	113	293751	28.055	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	133091	29.721	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	165283	31.592	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.362	165	354818	32.611	ng/ul	0.00
31) 4-Chloroaniline-d4	10.873	131	388012	27.184	ng/ul	0.00
46) Dimethylphthalate-d6	13.976	166	1225608	28.845	ng/ul	0.00
49) Acenaphthylene-d8	14.264	160	1400365	29.381	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	186713	30.680	ng/ul	0.00
60) Fluorene-d10	15.562	176	1112802	29.889	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.685	200	246199	30.031	ng/ul	0.00
73) Anthracene-d10	17.419	188	1872246	29.831	ng/ul	0.00
81) Pyrene-d10	19.710	212	2182826	30.193	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.540	264	2091849	29.628	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.406	88	35317	11.950	ng/ul#	96
5) Pyridine	3.799	79	226253	26.339	ng/ul	95
6) Benzaldehyde	7.078	77	168650	34.904	ng/ul	97
8) Phenol	7.125	94	381278	28.695	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.354	93	292298	27.619	ng/ul	95
12) 2-Chlorophenol	7.501	128	249974	28.548	ng/ul	98
13) 2-Methylphenol	8.376	108	303683	29.575	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.453	45	403394	28.882	ng/ul	94
16) Acetophenone	8.758	105	496704	29.767	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.741	70	268256	29.813	ng/ul	93
18) 4-Methylphenol	8.705	108	335040	30.346	ng/ul	96
19) Hexachloroethane	9.017	117	110252	28.479	ng/ul	90
22) Nitrobenzene	9.140	77	375288	30.637	ng/ul	94
23) Isophorone	9.657	82	798042	30.050	ng/ul	99
25) 2-Nitrophenol	9.851	139	173365	32.598	ng/ul	97
26) 2,4-Dimethylphenol	9.910	107	325167	29.629	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.145	93	457094	30.235	ng/ul	99
29) 2,4-Dichlorophenol	10.386	162	334059	31.941	ng/ul	98
30) Naphthalene	10.791	128	965198	29.467	ng/ul	99
32) 4-Chloroaniline	10.897	127	321529	22.960	ng/ul	94
33) Hexachlorobutadiene	11.067	225	255347	29.403	ng/ul	95
34) Caprolactam	11.661	113	124734m	35.825	ng/ul	
35) 4-Chloro-3-methylphenol	12.025	107	379833	36.224	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.395	142	754090	32.749	ng/ul	97
37) 1-Methylnaphthalene	12.618	142	734675	31.569	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.765	216	553512	29.288	ng/ul	96
40) Hexachlorocyclopentadiene	12.742	237	246853	21.601	ng/ul	97
41) 2,4,6-Trichlorophenol	13.006	196	358784	31.144	ng/ul	98
42) 2,4,5-Trichlorophenol	13.077	196	386646	31.762	ng/ul	99
43) 1,1'-Biphenyl	13.406	154	1120589	29.132	ng/ul	99
44) 2-Chloronaphthalene	13.447	162	927581	28.562	ng/ul	99
45) 2-Nitroaniline	13.653	65	268405	32.836	ng/ul	95
47) Dimethylphthalate	14.023	163	1246932	29.400	ng/ul	99
48) 2,6-Dinitrotoluene	14.146	165	265393	33.180	ng/ul	99
50) Acenaphthylene	14.293	152	1560875	29.684	ng/ul	97
51) 3-Nitroaniline	14.481	138	232380	34.561	ng/ul#	92
52) Acenaphthene	14.634	153	1019119	29.056	ng/ul	98
53) 2,4-Dinitrophenol	14.687	184	128354	29.401	ng/ul	96
55) 4-Nitrophenol	14.792	109	132707	32.028	ng/ul	93
56) Dibenzofuran	14.975	168	1472363	29.734	ng/ul	97
57) 2,4-Dinitrotoluene	14.933	165	389187	33.204	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.198	232	353079	31.209	ng/ul#	100
59) Diethylphthalate	15.386	149	1211173	29.700	ng/ul	99
61) Fluorene	15.621	166	1229295	30.260	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.609	204	699810	31.208	ng/ul	97
63) 4-Nitroaniline	15.644	138	234278	35.567	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.703	198	250168	29.173	ng/ul#	96
67) N-Nitrosodiphenylamine	15.826	169	1073051	29.881	ng/ul	98
68) 4-Bromophenyl-phenylether	16.502	248	472068	30.691	ng/ul	98
69) Hexachlorobenzene	16.626	284	551406	30.905	ng/ul	99
70) Atrazine	16.772	200	340890	23.091	ng/ul	95
71) Pentachlorophenol	16.972	266	268902	27.365	ng/ul	98
72) Phenanthrene	17.366	178	2111165	30.328	ng/ul	99
74) Anthracene	17.454	178	2162017	30.479	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.371	216	572928	29.838	ng/uL	96
76) Pentachlorobenzene	14.892	250	606882	30.087	ng/uL	97
77) Carbazole	17.724	167	1810426	30.903	ng/ul	99
78) Di-n-butylphthalate	18.277	149	2076414	30.064	ng/ul	99
80) Fluoranthene	19.375	202	2474328	30.669	ng/ul	99
82) Pyrene	19.740	202	2523661	30.056	ng/ul	99
83) Butylbenzylphthalate	20.627	149	901401	30.119	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.485	252	856878	30.790	ng/ul	98
85) Benzo(a)anthracene	21.567	228	2538330	30.517	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.467	149	1312471	29.381	ng/ul	98
87) Chrysene	21.631	228	2395529	30.660	ng/ul	99
89) Di-n-octyl phthalate	22.654	149	2233690	31.099	ng/ul	100
90) Benzo(b)fluoranthene	23.747	252	2541288	30.428	ng/ul	99
91) Benzo(k)fluoranthene	23.811	252	2488744	29.180	ng/ul	99
93) Benzo(a)pyrene	24.610	252	2408551	29.977	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.371	276	2965068	30.105	ng/ul	99
95) Dibenzo(a,h)anthracene	28.435	278	2435552	30.310	ng/ul	98
96) Benzo(g,h,i)perylene	29.505	276	2389146	29.960	ng/ul	97

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

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