

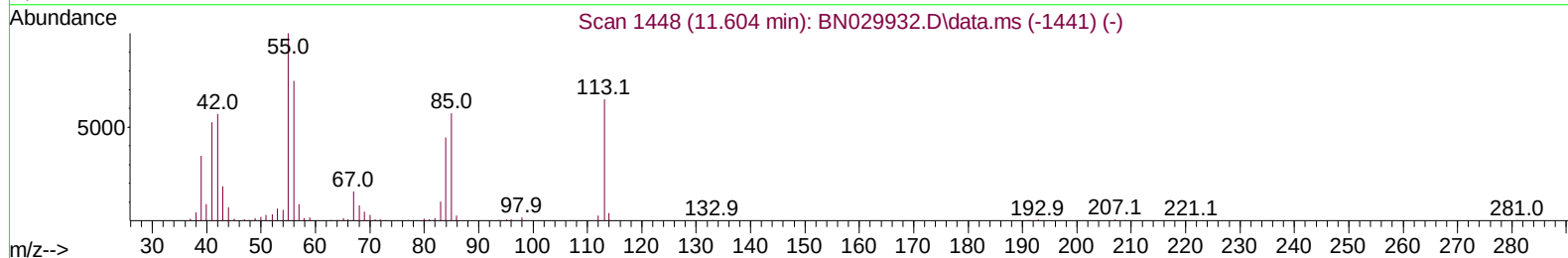
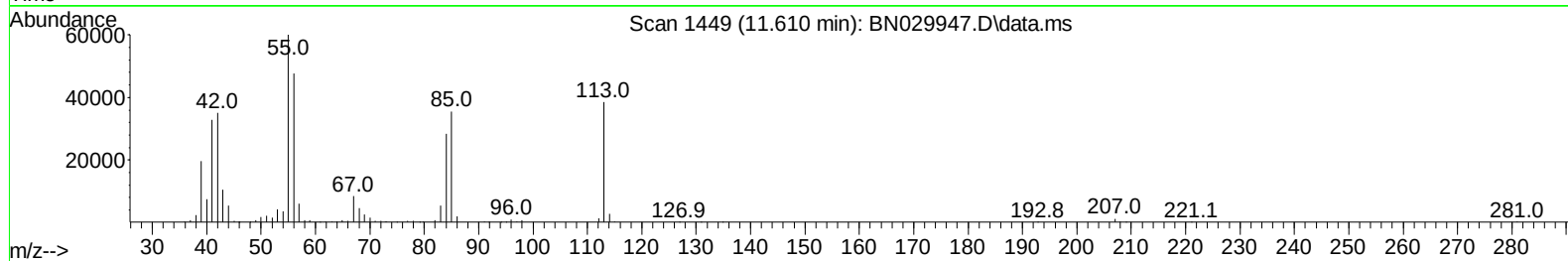
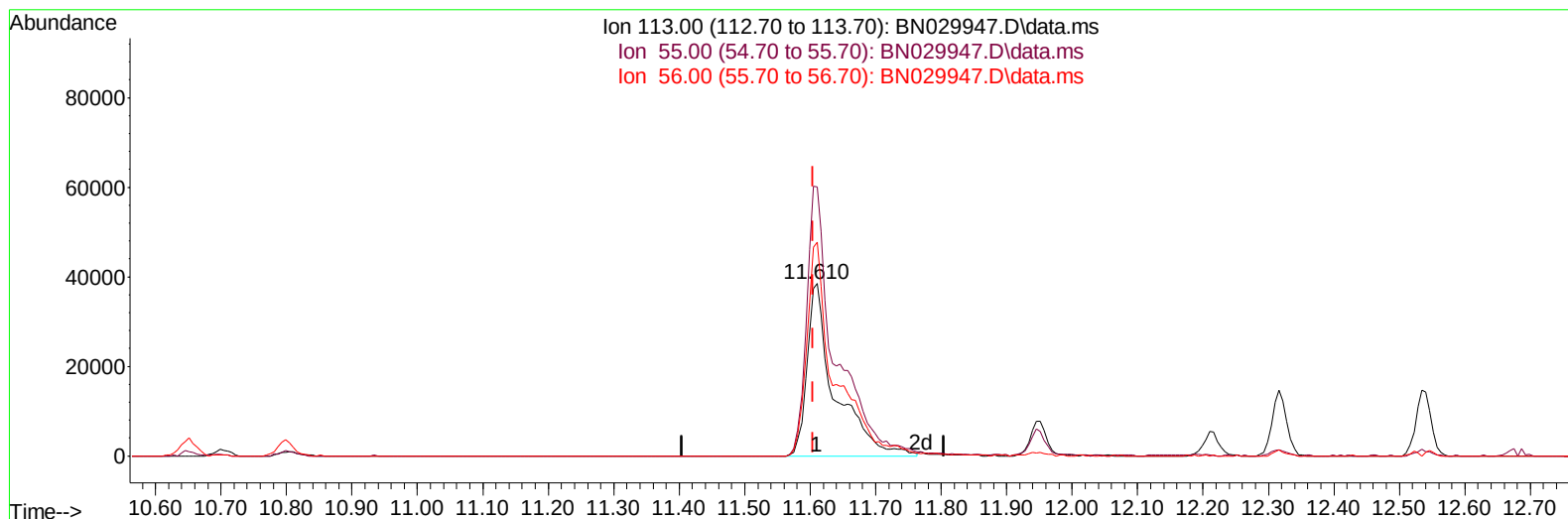
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022124\
Data File : BN029947.D
Acq On : 23 Feb 2024 03:01
Operator : MA/JU
Sample : PB159064BS
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS064

Manual IntegrationsAPPROVED

Quant Time: Feb 23 13:49:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 21 22:34:54 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/23/2024
Supervised By :mohammad ahmed 02/24/2024



TIC: BN029947.D\data.ms

(34) Caprolactam

11.610min (+ 0.006) 45.72 ng/ul m

response 114350

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.60	156.18
56.00	129.20	124.08
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	7.852	152	131576	20.000	ng/ul	0.00
20) Naphthalene-d8	10.652	136	545189	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	289817	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	609733	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	554312	20.000	ng/ul	0.00
88) Perylene-d12	23.816	264	590415	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	30692	7.672	ng/uL	0.00
4) Pyridine-d5	3.723	84	424982	39.837	ng/ul	0.00
7) Phenol-d5	7.022	99	520456	42.289	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	337313	41.068	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	400412	44.898	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	387318	42.199	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	192682	45.537	ng/ul	0.00
24) 2-Nitrophenol-d4	9.740	143	191936	52.083	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	344417	47.349	ng/ul	0.00
31) 4-Chloroaniline-d4	10.799	131	481320	38.786	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	964423	44.697	ng/ul	0.00
49) Acenaphthylene-d8	14.193	160	1147413	44.778	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	184347	45.014	ng/ul	0.00
60) Fluorene-d10	15.498	176	815045	44.402	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	140301	47.224	ng/ul	0.00
73) Anthracene-d10	17.351	188	1265792	44.296	ng/ul	0.00
81) Pyrene-d10	19.651	212	1423088	42.781	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.669	264	1393139	47.155	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	66134	15.962	ng/uL	96
5) Pyridine	3.740	79	442259	40.072	ng/ul	99
6) Benzaldehyde	7.005	77	267887	48.559	ng/ul	95
8) Phenol	7.052	94	542223	42.989	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.293	93	442751	41.745	ng/ul	98
12) 2-Chlorophenol	7.416	128	423548	45.266	ng/ul	98
13) 2-Methylphenol	8.299	108	387618	42.586	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.387	45	580268	41.890	ng/ul	99
16) Acetophenone	8.687	105	640102	43.819	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.675	70	340386	45.133	ng/ul	95
18) 4-Methylphenol	8.634	108	417420	43.400	ng/ul	99
19) Hexachloroethane	8.922	117	184872	42.576	ng/ul	95
22) Nitrobenzene	9.063	77	526389	43.905	ng/ul	100
23) Isophorone	9.593	82	910681	43.608	ng/ul	99
25) 2-Nitrophenol	9.769	139	219138	52.073	ng/ul	99
26) 2,4-Dimethylphenol	9.834	107	385966	38.269	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.081	93	562768	42.403	ng/ul	99
29) 2,4-Dichlorophenol	10.299	162	351866	46.814	ng/ul	99
30) Naphthalene	10.705	128	1323677	42.477	ng/ul	98
32) 4-Chloroaniline	10.822	127	407365	33.253	ng/ul	99
33) Hexachlorobutadiene	10.975	225	207899	44.818	ng/ul	94
34) Caprolactam	11.610	113	114350m	45.720	ng/ul	
35) 4-Chloro-3-methylphenol	11.946	107	410764	47.314	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.316	142	851434	44.572	ng/ul	100
37) 1-Methylnaphthalene	12.534	142	836515	44.170	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.681	216	382234	44.494	ng/ul	98
40) Hexachlorocyclopentadiene	12.657	237	194314	34.605	ng/ul	97
41) 2,4,6-Trichlorophenol	12.928	196	246907	49.865	ng/ul	94
42) 2,4,5-Trichlorophenol	12.999	196	273118	49.089	ng/ul	98
43) 1,1'-Biphenyl	13.334	154	1047130	42.842	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	835387	43.977	ng/ul	98
45) 2-Nitroaniline	13.593	65	282105	50.513	ng/ul	95
47) Dimethylphthalate	13.969	163	1011323	45.787	ng/ul	99
48) 2,6-Dinitrotoluene	14.093	165	199571	50.495	ng/ul	93
50) Acenaphthylene	14.222	152	1376223	44.751	ng/ul	99
51) 3-Nitroaniline	14.422	138	218533	47.508	ng/ul	98
52) Acenaphthene	14.563	153	882379	43.436	ng/ul	96
53) 2,4-Dinitrophenol	14.628	184	89754	44.748	ng/ul	96
55) 4-Nitrophenol	14.728	109	171838	45.888	ng/ul	98
56) Dibenzofuran	14.898	168	1184621	44.160	ng/ul	98
57) 2,4-Dinitrotoluene	14.881	165	296641	53.310	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.128	232	202442	51.269	ng/ul	100
59) Diethylphthalate	15.340	149	1067261	47.040	ng/ul	99
61) Fluorene	15.551	166	971518	45.817	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.551	204	456159	48.098	ng/ul	98
63) 4-Nitroaniline	15.587	138	231403	55.737	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.640	198	153399	46.834	ng/ul	98
67) N-Nitrosodiphenylamine	15.769	169	832813	43.831	ng/ul	98
68) 4-Bromophenyl-phenylether	16.451	248	270325	46.841	ng/ul	85
69) Hexachlorobenzene	16.551	284	301067	46.283	ng/ul	93
70) Atrazine	16.728	200	175523	29.568	ng/ul	96
71) Pentachlorophenol	16.898	266	174119	46.091	ng/ul	97
72) Phenanthrene	17.298	178	1535367	43.531	ng/ul	99
74) Anthracene	17.387	178	1566093	44.243	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.293	216	384960	43.025	ng/uL	94
76) Pentachlorobenzene	14.810	250	349660	43.644	ng/uL	98
77) Carbazole	17.663	167	1445205	44.700	ng/ul	98
78) Di-n-butylphthalate	18.239	149	1886794	48.531	ng/ul	99
80) Fluoranthene	19.316	202	1789184	44.278	ng/ul	99
82) Pyrene	19.681	202	1861730	43.551	ng/ul	96
83) Butylbenzylphthalate	20.604	149	874650	50.204	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.380	252	475764	44.313	ng/ul	93
85) Benzo(a)anthracene	21.439	228	1772275	43.523	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.386	149	1348083	50.024	ng/ul	99
87) Chrysene	21.492	228	1636097	42.873	ng/ul	98
89) Di-n-octyl phthalate	22.316	149	2289656	50.030	ng/ul	100
90) Benzo(b)fluoranthene	23.104	252	1687710	45.382	ng/ul	98
91) Benzo(k)fluoranthene	23.151	252	1802933	47.366	ng/ul	96
93) Benzo(a)pyrene	23.716	252	1650419	46.277	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.257	276	1864052	42.923	ng/ul	97
95) Dibenzo(a,h)anthracene	26.292	278	1530414	43.165	ng/ul	96
96) Benzo(g,h,i)perylene	27.010	276	1546695	42.582	ng/ul	95

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

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