

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022323\
 Data File : BG056712.D
 Acq On : 23 Feb 2023 14:18
 Operator : CG/JU
 Sample : SST08063
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST080418

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/24/2023
 Supervised By :mohammad ahmed 02/24/2023

Quant Time: Feb 23 14:54:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 23 14:22:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.426	152	17251	20.000	ng/u1	0.00
20) Naphthalene-d8	11.270	136	75991	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	15.030	164	57128	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.768	188	137740	20.000	ng/u1	0.00
79) Chrysene-d12	22.081	240	112241	20.000	ng/u1	0.00
88) Perylene-d12	25.612	264	122414	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.703	96	11363m	37.882	ng/uL	0.00
4) Pyridine-d5	4.143	84	99103	77.885	ng/u1	0.00
7) Phenol-d5	7.551	99	140325	81.537	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.733	67	84953	79.334	ng/u1	0.00
11) 2-Chlorophenol-d4	7.951	132	94645	83.224	ng/u1	0.00
15) 4-Methylphenol-d8	9.120	113	106809	80.549	ng/u1	0.00
21) Nitrobenzene-d5	9.602	128	49873	77.903	ng/u1	0.00
24) 2-Nitrophenol-d4	10.330	143	63574	84.890	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.877	165	116531	82.008	ng/u1	0.01
31) 4-Chloroaniline-d4	11.388	131	149033	79.309	ng/u1	0.00
46) Dimethylphthalate-d6	14.419	166	369944	80.327	ng/u1	0.00
49) Acenaphthylene-d8	14.731	160	421326	80.534	ng/u1	0.00
54) 4-Nitrophenol-d4	15.201	143	63704	78.859	ng/u1	0.02
60) Fluorene-d10	16.018	176	335469	78.358	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.123	200	77848	87.354	ng/u1	0.00
73) Anthracene-d10	17.868	188	522840	77.816	ng/u1	0.00
81) Pyrene-d10	20.125	212	590573	77.216	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.377	264	524349	79.198	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.744	88	12810m	33.780	ng/uL	
5) Pyridine	4.161	79	104675	76.991	ng/u1	97
6) Benzaldehyde	7.545	77	58842	54.110	ng/u1	98
8) Phenol	7.580	94	139522	78.547	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.827	93	99644	78.258	ng/u1	98
12) 2-Chlorophenol	7.986	128	92231	81.556	ng/u1	97
13) 2-Methylphenol	8.855	108	108029	81.123	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.949	45	134799	78.653	ng/u1	99
16) Acetophenone	9.255	105	180711	78.473	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.243	70	102386	78.753	ng/u1	95
18) 4-Methylphenol	9.190	108	116098	79.554	ng/u1	96
19) Hexachloroethane	9.531	117	37684	77.586	ng/u1	90
22) Nitrobenzene	9.649	77	150082	81.595	ng/u1	97
23) Isophorone	10.177	82	285770	78.943	ng/u1	98
25) 2-Nitrophenol	10.365	139	60229	80.612	ng/u1	93
26) 2,4-Dimethylphenol	10.406	107	133907	80.161	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.642	93	147743	81.204	ng/u1	98
29) 2,4-Dichlorophenol	10.900	162	112754	81.925	ng/u1	97
30) Naphthalene	11.317	128	331727	79.135	ng/u1	98
32) 4-Chloroaniline	11.411	127	147671	78.601	ng/u1	96
33) Hexachlorobutadiene	11.593	225	87536	79.277	ng/u1	93
34) Caprolactam	12.181	113	37868m	77.978	ng/u1	
35) 4-Chloro-3-methylphenol	12.498	107	126156	79.259	ng/u1	94
36) 2-Methylnaphthalene	12.892	142	238268	79.424	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.103	142	234506	79.248	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.250	216	168962	84.322	ng/ul	98
40) Hexachlorocyclopentadiene	13.227	237	125778	91.844	ng/ul	99
41) 2,4,6-Trichlorophenol	13.473	196	112916	84.339	ng/ul	97
42) 2,4,5-Trichlorophenol	13.550	196	120556	82.564	ng/ul	95
43) 1,1'-Biphenyl	13.873	154	342305	81.864	ng/ul	98
44) 2-Chloronaphthalene	13.926	162	284024	82.157	ng/ul	94
45) 2-Nitroaniline	14.114	65	101798	85.550	ng/ul	95
47) Dimethylphthalate	14.466	163	368188	78.194	ng/ul#	99
48) 2,6-Dinitrotoluene	14.596	165	78439	82.052	ng/ul	92
50) Acenaphthylene	14.760	152	424662	80.304	ng/ul	98
51) 3-Nitroaniline	14.925	138	63330	68.417	ng/ul#	97
52) Acenaphthene	15.095	153	291474	80.217	ng/ul	99
53) 2,4-Dinitrophenol	15.124	184	55166	96.632	ng/ul#	88
55) 4-Nitrophenol	15.213	109	75323	81.612	ng/ul	98
56) Dibenzofuran	15.430	168	434528	78.426	ng/ul	96
57) 2,4-Dinitrotoluene	15.377	165	110732	80.481	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.642	232	113890	84.145	ng/ul	98
59) Diethylphthalate	15.818	149	362362	76.568	ng/ul	99
61) Fluorene	16.070	166	345866	77.846	ng/ul	98
62) 4-Chlorophenyl-phenyle...	16.053	204	207911	79.291	ng/ul	98
63) 4-Nitroaniline	16.082	138	62540	68.916	ng/ul	97
66) 4,6-Dinitro-2-methylph...	16.141	198	74916	87.299	ng/ul	99
67) N-Nitrosodiphenylamine	16.264	169	305695	79.763	ng/ul	98
68) 4-Bromophenyl-phenylether	16.946	248	143656	82.894	ng/ul	98
69) Hexachlorobenzene	17.069	284	152112	81.397	ng/ul	97
70) Atrazine	17.199	200	133077	78.651	ng/ul	96
71) Pentachlorophenol	17.410	266	91770	90.536	ng/ul	98
72) Phenanthrene	17.810	178	596795	79.984	ng/ul	98
74) Anthracene	17.904	178	584835	76.979	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.844	216	182381	88.361	ng/uL	96
76) Pentachlorobenzene	15.348	250	179663	85.148	ng/uL	96
77) Carbazole	18.162	167	505788	78.389	ng/ul	99
78) Di-n-butylphthalate	18.685	149	579449	79.617	ng/ul	100
80) Fluoranthene	19.790	202	709216	76.564	ng/ul	99
82) Pyrene	20.154	202	692633	75.741	ng/ul	99
83) Butylbenzylphthalate	21.012	149	231648	80.890	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.952	252	208196	67.820	ng/ul	100
85) Benzo(a)anthracene	22.058	228	646866	78.983	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.917	149	321121	79.558	ng/ul	100
87) Chrysene	22.134	228	606857	79.701	ng/ul	99
89) Di-n-octyl phthalate	23.238	149	528367	78.248	ng/ul	100
90) Benzo(b)fluoranthene	24.490	252	656023	80.066	ng/ul	100
91) Benzo(k)fluoranthene	24.566	252	622784	77.544	ng/ul	98
93) Benzo(a)pyrene	25.465	252	561896	77.521	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.713	276	773530	78.814	ng/ul	99
95) Dibenzo(a,h)anthracene	29.790	278	649179	79.181	ng/ul	95
96) Benzo(g,h,i)perylene	31.006	276	619453	79.064	ng/ul	96

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

