

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062122\
 Data File : BG053972.D
 Acq On : 21 Jun 2022 10:55
 Operator : CG/JU
 Sample : PB145611BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS611

Quant Time: Jun 21 23:06:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 20 15:29:13 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/22/2022
 Supervised By :mohammad ahmed 06/28/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	19903	20.000	ng/u1	0.00
20) Naphthalene-d8	10.885	136	80495	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.704	164	61507	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.442	188	162283	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.719	240	175807	20.000	ng/u1	# 0.00
88) Perylene-d12	24.974	264	182128	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.499	96	2497	5.969	ng/uL	0.00
4) Pyridine-d5	3.911	84	36387	31.981	ng/u1	0.00
7) Phenol-d5	7.230	99	45874	32.173	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.401	67	27920	32.461	ng/u1	0.00
11) 2-Chlorophenol-d4	7.612	132	37726	33.179	ng/u1	0.00
15) 4-Methylphenol-d8	8.781	113	38402	31.587	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	18433	30.851	ng/u1	0.00
24) 2-Nitrophenol-d4	9.962	143	21610	34.041	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.503	165	45475	32.377	ng/u1	0.00
31) 4-Chloroaniline-d4	11.014	131	51626	29.095	ng/u1	0.00
46) Dimethylphthalate-d6	14.099	166	156809	32.407	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	168648	32.053	ng/u1	0.00
54) 4-Nitrophenol-d4	14.886	143	21918	33.082	ng/u1	0.00
60) Fluorene-d10	15.691	176	139131	32.011	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.803	200	29792	33.653	ng/u1	0.00
73) Anthracene-d10	17.548	188	236750	32.303	ng/u1	0.00
81) Pyrene-d10	19.827	212	308989	33.709	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.757	264	302752	32.932	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.535	88	5852	12.820	ng/uL#	82
5) Pyridine	3.934	79	37845	32.074	ng/u1	89
6) Benzaldehyde	7.213	77	30226	41.628	ng/u1	98
8) Phenol	7.260	94	48746	32.764	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.489	93	35675	31.656	ng/u1	93
12) 2-Chlorophenol	7.642	128	38077	32.799	ng/u1	96
13) 2-Methylphenol	8.511	108	36594	31.686	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.605	45	54441	32.522	ng/u1	98
16) Acetophenone	8.899	105	60031	31.927	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.881	70	31457	32.820	ng/u1	95
18) 4-Methylphenol	8.840	108	40490	32.773	ng/u1	98
19) Hexachloroethane	9.169	117	15671	31.856	ng/u1	97
22) Nitrobenzene	9.281	77	44258	31.099	ng/u1#	87
23) Isophorone	9.804	82	86337	31.290	ng/u1	96
25) 2-Nitrophenol	9.992	139	22344	33.566	ng/u1	93
26) 2,4-Dimethylphenol	10.050	107	44275	30.459	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.286	93	49918	32.136	ng/u1	98
29) 2,4-Dichlorophenol	10.526	162	44405	31.615	ng/u1	92
30) Naphthalene	10.938	128	122966	30.795	ng/u1	99
32) 4-Chloroaniline	11.038	127	51537	29.290	ng/u1	99
33) Hexachlorobutadiene	11.226	225	40703	29.669	ng/u1	92
34) Caprolactam	11.790	113	13401m	31.972	ng/u1	
35) 4-Chloro-3-methylphenol	12.154	107	43475	32.187	ng/u1	94
36) 2-Methylnaphthalene	12.536	142	88531	29.971	ng/u1	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062122\
 Data File : BG053972.D
 Acq On : 21 Jun 2022 10:55
 Operator : CG/JU
 Sample : PB145611BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS611

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/22/2022
 Supervised By :mohammad ahmed 06/28/2022

Quant Time: Jun 21 23:06:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 20 15:29:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.753	142	90948	30.874	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.906	216	75639	30.255	ng/ul	96
40) Hexachlorocyclopentadiene	12.888	237	38952	27.780	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.141	196	43147	33.252	ng/ul	93
42) 2,4,5-Trichlorophenol	13.211	196	48141	32.818	ng/ul	100
43) 1,1'-Biphenyl	13.535	154	133759	31.377	ng/ul	100
44) 2-Chloronaphthalene	13.582	162	107438	30.348	ng/ul	97
45) 2-Nitroaniline	13.776	65	30764	34.542	ng/ul	99
47) Dimethylphthalate	14.152	163	145387	31.261	ng/ul	99
48) 2,6-Dinitrotoluene	14.269	165	31233	33.392	ng/ul	93
50) Acenaphthylene	14.428	152	171160	31.681	ng/ul	98
51) 3-Nitroaniline	14.598	138	26611	35.047	ng/ul#	89
52) Acenaphthene	14.769	153	114636	31.775	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	12805	29.552	ng/ul#	62
55) 4-Nitrophenol	14.898	109	19997	30.790	ng/ul	96
56) Dibenzofuran	15.098	168	174815	31.669	ng/ul	96
57) 2,4-Dinitrotoluene	15.056	165	45511	33.543	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.321	232	44914	35.236	ng/ul#	96
59) Diethylphthalate	15.509	149	146849	32.203	ng/ul	99
61) Fluorene	15.750	166	142457	31.686	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.738	204	88279	30.882	ng/ul	92
63) 4-Nitroaniline	15.756	138	27097m	37.114	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.820	198	28253	33.247	ng/ul	98
67) N-Nitrosodiphenylamine	15.949	169	130944	33.005	ng/ul	99
68) 4-Bromophenyl-phenylether	16.631	248	64702	32.098	ng/ul	93
69) Hexachlorobenzene	16.754	284	73346	31.045	ng/ul#	92
70) Atrazine	16.890	200	61990	31.811	ng/ul	96
71) Pentachlorophenol	17.095	266	34712	34.664	ng/ul	91
72) Phenanthrene	17.489	178	258521	32.154	ng/ul	98
74) Anthracene	17.577	178	257564	31.787	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.505	216	81618	29.528	ng/uL	97
76) Pentachlorobenzene	15.021	250	79682	31.344	ng/uL	99
77) Carbazole	17.841	167	219664	32.881	ng/ul	99
78) Di-n-butylphthalate	18.405	149	253605	33.343	ng/ul	99
80) Fluoranthene	19.492	202	338792	33.108	ng/ul#	94
82) Pyrene	19.857	202	333674	32.798	ng/ul#	96
83) Butylbenzylphthalate	20.738	149	107415	35.034	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.613	252	130523	35.875	ng/ul	99
85) Benzo(a)anthracene	21.702	228	354428	32.707	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.608	149	156598	34.953	ng/ul	98
87) Chrysene	21.766	228	334547	32.180	ng/ul	99
89) Di-n-octyl phthalate	22.836	149	270995	34.646	ng/ul	100
90) Benzo(b)fluoranthene	23.946	252	370372	32.934	ng/ul#	98
91) Benzo(k)fluoranthene	24.011	252	353848m	32.860	ng/ul	
93) Benzo(a)pyrene	24.827	252	355617	32.827	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.699	276	432153	33.157	ng/ul	98
95) Dibenzo(a,h)anthracene	28.764	278	365128	33.288	ng/ul#	98
96) Benzo(g,h,i)perylene	29.868	276	365707	33.232	ng/ul#	96

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

