

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053122\
 Data File : BG053766.D
 Acq On : 31 May 2022 18:36
 Operator : CG/JU
 Sample : SST02023
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST020423

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

06/01/2022
 Supervised By :mohammad
 ahmed

Quant Time: May 31 23:15:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG053122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 31 23:09:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	21666	20.000	ng/u1	0.00
20) Naphthalene-d8	10.914	136	87594	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.727	164	60917	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.471	188	149851	20.000	ng/u1	0.00
79) Chrysene-d12	21.748	240	164872	20.000	ng/u1	0.00
88) Perylene-d12	25.026	264	163279	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.528	96	4334	7.066	ng/uL	0.00
4) Pyridine-d5	3.951	84	24520	16.013	ng/u1	0.00
7) Phenol-d5	7.247	99	32442	16.718	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.424	67	21247m	17.927	ng/u1	0.00
11) 2-Chlorophenol-d4	7.635	132	25620	19.444	ng/u1	0.00
15) 4-Methylphenol-d8	8.798	113	26927	19.156	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	9898	15.698	ng/u1	0.00
24) 2-Nitrophenol-d4	9.985	143	9933	14.936	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.526	165	27842	19.243	ng/u1	0.00
31) 4-Chloroaniline-d4	11.037	131	37787	19.761	ng/u1	0.00
46) Dimethylphthalate-d6	14.128	166	92127	19.686	ng/u1	0.00
49) Acenaphthylene-d8	14.421	160	102177	17.967	ng/u1	0.00
54) 4-Nitrophenol-d4	14.891	143	11903	15.128	ng/u1	0.00
60) Fluorene-d10	15.714	176	80390	19.563	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.820	200	9882	12.958	ng/u1	0.00
73) Anthracene-d10	17.565	188	134647	19.296	ng/u1	0.00
81) Pyrene-d10	19.850	212	174616	18.932	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.803	264	161169	19.103	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.563	88	4479m	5.960	ng/uL	
5) Pyridine	3.969	79	24752	14.960	ng/u1	100
6) Benzaldehyde	7.236	77	22259m	17.254	ng/u1	
8) Phenol	7.271	94	34766	18.589	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.518	93	26536	18.808	ng/u1	100
12) 2-Chlorophenol	7.665	128	26307	19.541	ng/u1	100
13) 2-Methylphenol	8.534	108	26770	18.417	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.628	45	45614	19.890	ng/u1	100
16) Acetophenone	8.922	105	43653	19.906	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.910	70	24015	18.785	ng/u1	100
18) 4-Methylphenol	8.857	108	28456	18.790	ng/u1	100
19) Hexachloroethane	9.198	117	10993	18.404	ng/u1	100
22) Nitrobenzene	9.304	77	25539	13.862	ng/u1	100
23) Isophorone	9.833	82	63625	18.067	ng/u1	100
25) 2-Nitrophenol	10.015	139	10369	15.035	ng/u1	100
26) 2,4-Dimethylphenol	10.073	107	32830	19.211	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.314	93	36133	18.451	ng/u1	100
29) 2,4-Dichlorophenol	10.549	162	26994	19.190	ng/u1	100
30) Naphthalene	10.967	128	87139	19.223	ng/u1	100
32) 4-Chloroaniline	11.061	127	38065	20.258	ng/u1	100
33) Hexachlorobutadiene	11.260	225	23058	20.071	ng/u1	100
34) Caprolactam	11.830	113	7695m	18.163	ng/u1	
35) 4-Chloro-3-methylphenol	12.171	107	29035	19.028	ng/u1	100
36) 2-Methylnaphthalene	12.565	142	60964	19.057	ng/u1	100

06/06/2022

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.782	142	61184	18.892	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.929	216	41087	20.406	ng/ul	100
40) Hexachlorocyclopentadiene	12.911	237	27774	19.925	ng/ul	100
41) 2,4,6-Trichlorophenol	13.158	196	23449	19.058	ng/ul	100
42) 2,4,5-Trichlorophenol	13.229	196	26171	19.697	ng/ul	100
43) 1,1'-Biphenyl	13.563	154	85625	19.670	ng/ul	100
44) 2-Chloronaphthalene	13.605	162	67855	19.467	ng/ul	100
45) 2-Nitroaniline	13.798	65	13678	13.387	ng/ul	100
47) Dimethylphthalate	14.175	163	89168	19.966	ng/ul	100
48) 2,6-Dinitrotoluene	14.286	165	12337	15.249	ng/ul	100
50) Acenaphthylene	14.451	152	110741	20.163	ng/ul	100
51) 3-Nitroaniline	14.609	138	12507	15.316	ng/ul	100
52) Acenaphthene	14.791	153	72322	20.157	ng/ul	100
53) 2,4-Dinitrophenol	14.815	184	5669	11.279	ng/ul	100
55) 4-Nitrophenol	14.909	109	11523	13.915	ng/ul	100
56) Dibenzofuran	15.120	168	106851	20.088	ng/ul	100
57) 2,4-Dinitrotoluene	15.068	165	17832	15.535	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.344	232	22651	18.913	ng/ul	100
59) Diethylphthalate	15.538	149	90737	20.061	ng/ul	100
61) Fluorene	15.773	166	87238	19.786	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.761	204	48450	20.651	ng/ul	100
63) 4-Nitroaniline	15.773	138	12553	15.632	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.831	198	9412	12.614	ng/ul	100
67) N-Nitrosodiphenylamine	15.972	169	81219	20.046	ng/ul	100
68) 4-Bromophenyl-phenylether	16.660	248	31823	21.448	ng/ul	100
69) Hexachlorobenzene	16.777	284	36649	19.122	ng/ul	100
70) Atrazine	16.918	200	36595	22.039	ng/ul	100
71) Pentachlorophenol	17.112	266	19213	16.485	ng/ul	100
72) Phenanthrene	17.512	178	152827	19.432	ng/ul	100
74) Anthracene	17.600	178	156416	19.893	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.528	216	43850	19.648	ng/ul	100
76) Pentachlorobenzene	15.044	250	41298	19.287	ng/ul	100
77) Carbazole	17.864	167	140836	20.267	ng/ul	100
78) Di-n-butylphthalate	18.434	149	171628	20.770	ng/ul	100
80) Fluoranthene	19.515	202	200002	18.401	ng/ul	100
82) Pyrene	19.880	202	201219	18.626	ng/ul	100
83) Butylbenzylphthalate	20.767	149	72422	19.281	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.636	252	77707	21.029	ng/ul	100
85) Benzo(a)anthracene	21.730	228	202882	19.066	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.654	149	104925	20.169	ng/ul	100
87) Chrysene	21.795	228	195118	19.224	ng/ul	100
89) Di-n-octyl phthalate	22.888	149	179301	21.083	ng/ul	100
90) Benzo(b)fluoranthene	23.987	252	204897	19.434	ng/ul	100
91) Benzo(k)fluoranthene	24.051	252	186520	19.169	ng/ul	100
93) Benzo(a)pyrene	24.874	252	192796	19.368	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.769	276	221964	19.717	ng/ul	100
95) Dibenzo(a,h)anthracene	28.840	278	191710	20.036	ng/ul	100
96) Benzo(g,h,i)perylene	29.927	276	187868	19.742	ng/ul	100

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

