

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062022\
 Data File : BG053952.D
 Acq On : 20 Jun 2022 17:21
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020564

Quant Time: Jun 20 23:57:55 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 06/21/2022
 Supervised By :mohammad ahmed 06/27/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	18809	20.000	ng/u1	0.00
20) Naphthalene-d8	10.890	136	74992	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.703	164	58592	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.447	188	158961	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.718	240	183207	20.000	ng/u1	# 0.00
88) Perylene-d12	24.979	264	189988	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.504	96	3591	9.084	ng/uL	0.00
4) Pyridine-d5	3.916	84	21393	19.896	ng/u1	0.00
7) Phenol-d5	7.229	99	27061	20.082	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.400	67	16703	20.549	ng/u1	0.00
11) 2-Chlorophenol-d4	7.611	132	22974	21.380	ng/u1	0.00
15) 4-Methylphenol-d8	8.775	113	23548	20.495	ng/u1	0.00
21) Nitrobenzene-d5	9.239	128	11472	20.610	ng/u1	0.00
24) 2-Nitrophenol-d4	9.961	143	12706	21.484	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.502	165	27141	20.742	ng/u1	0.00
31) 4-Chloroaniline-d4	11.013	131	33728	20.403	ng/u1	0.00
46) Dimethylphthalate-d6	14.104	166	94988	20.608	ng/u1	0.00
49) Acenaphthylene-d8	14.397	160	103222	20.594	ng/u1	0.00
54) 4-Nitrophenol-d4	14.879	143	12578	19.929	ng/u1	0.00
60) Fluorene-d10	15.690	176	83962	20.279	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.802	200	16650	19.201	ng/u1	0.00
73) Anthracene-d10	17.541	188	144524	20.132	ng/u1	0.00
81) Pyrene-d10	19.826	212	192347	20.136	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.756	264	191510	19.970	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.534	88	3864m	8.957	ng/uL	
5) Pyridine	3.933	79	22728	20.383	ng/u1	93
6) Benzaldehyde	7.212	77	17006	24.784	ng/u1	93
8) Phenol	7.259	94	29170	20.747	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.494	93	22245	20.887	ng/u1	89
12) 2-Chlorophenol	7.641	128	22930	20.900	ng/u1	98
13) 2-Methylphenol	8.516	108	22266	20.401	ng/u1	89
14) 2,2'-oxybis(1-Chloropr...	8.604	45	33132	20.943	ng/u1	98
16) Acetophenone	8.898	105	37315	21.000	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.880	70	18810	20.766	ng/u1	97
18) 4-Methylphenol	8.839	108	24353	20.858	ng/u1	98
19) Hexachloroethane	9.168	117	9632	20.719	ng/u1#	91
22) Nitrobenzene	9.280	77	27528	20.763	ng/u1	94
23) Isophorone	9.803	82	52932	20.591	ng/u1	99
25) 2-Nitrophenol	9.997	139	13140	21.188	ng/u1	93
26) 2,4-Dimethylphenol	10.050	107	27376	20.216	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.285	93	30251	20.904	ng/u1	96
29) 2,4-Dichlorophenol	10.525	162	27573	21.071	ng/u1	97
30) Naphthalene	10.937	128	76220	20.489	ng/u1	99
32) 4-Chloroaniline	11.037	127	33743	20.584	ng/u1	100
33) Hexachlorobutadiene	11.230	225	26326	20.597	ng/u1	97
34) Caprolactam	11.783	113	7492m	19.186	ng/u1	
35) 4-Chloro-3-methylphenol	12.153	107	26209	20.828	ng/u1	98
36) 2-Methylnaphthalene	12.541	142	55551	20.186	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.752	142	55605	20.261	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.905	216	48709	20.452	ng/ul#	96
40) Hexachlorocyclopentadiene	12.887	237	25799	19.315	ng/ul	99
41) 2,4,6-Trichlorophenol	13.134	196	25820	20.889	ng/ul	94
42) 2,4,5-Trichlorophenol	13.211	196	27579	19.736	ng/ul	95
43) 1,1'-Biphenyl	13.540	154	83195	20.486	ng/ul	99
44) 2-Chloronaphthalene	13.581	162	66236	19.641	ng/ul	97
45) 2-Nitroaniline	13.775	65	17945	21.151	ng/ul	97
47) Dimethylphthalate	14.151	163	89978	20.310	ng/ul	100
48) 2,6-Dinitrotoluene	14.268	165	18361	20.607	ng/ul	92
50) Acenaphthylene	14.427	152	105154	20.432	ng/ul	99
51) 3-Nitroaniline	14.597	138	15692	21.695	ng/ul#	94
52) Acenaphthene	14.768	153	69254	20.151	ng/ul	97
53) 2,4-Dinitrophenol	14.803	184	6594	15.975	ng/ul#	62
55) 4-Nitrophenol	14.891	109	12381	20.012	ng/ul	87
56) Dibenzofuran	15.102	168	107291	20.404	ng/ul	97
57) 2,4-Dinitrotoluene	15.050	165	26341	20.380	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.320	232	25545	21.038	ng/ul#	92
59) Diethylphthalate	15.508	149	90528	20.840	ng/ul	99
61) Fluorene	15.749	166	88809	20.736	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.737	204	55305	20.309	ng/ul	95
63) 4-Nitroaniline	15.749	138	15071m	21.669	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.813	198	15805	18.987	ng/ul#	89
67) N-Nitrosodiphenylamine	15.948	169	80097	20.611	ng/ul	98
68) 4-Bromophenyl-phenylether	16.630	248	39796	20.155	ng/ul	95
69) Hexachlorobenzene	16.753	284	46085	19.914	ng/ul#	93
70) Atrazine	16.889	200	40003	20.957	ng/ul	98
71) Pentachlorophenol	17.100	266	18012	18.363	ng/ul	96
72) Phenanthrene	17.488	178	161658	20.527	ng/ul	96
74) Anthracene	17.576	178	162171	20.432	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.504	216	51868	19.157	ng/ul	96
76) Pentachlorobenzene	15.020	250	50300	20.200	ng/ul	98
77) Carbazole	17.840	167	135252	20.669	ng/ul	98
78) Di-n-butylphthalate	18.404	149	156639	21.025	ng/ul	99
80) Fluoranthene	19.497	202	218561	20.496	ng/ul#	92
82) Pyrene	19.856	202	218590	20.618	ng/ul#	94
83) Butylbenzylphthalate	20.737	149	65415	20.474	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.612	252	82562	21.776	ng/ul	96
85) Benzo(a)anthracene	21.701	228	230626	20.423	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.607	149	95961	20.554	ng/ul	99
87) Chrysene	21.765	228	220303	20.335	ng/ul	100
89) Di-n-octyl phthalate	22.835	149	163961	20.095	ng/ul	100
90) Benzo(b)fluoranthene	23.939	252	236732	20.179	ng/ul#	96
91) Benzo(k)fluoranthene	24.010	252	229163	20.401	ng/ul#	97
93) Benzo(a)pyrene	24.826	252	233386	20.652	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.704	276	273509	20.117	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.757	278	231618	20.243	ng/ul#	96
96) Benzo(g,h,i)perylene	29.856	276	232732	20.273	ng/ul#	96

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

