

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062522\
 Data File : BG054055.D
 Acq On : 25 Jun 2022 10:46
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020574

Quant Time: Jun 27 01:44:47 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 06/27/2022
 Supervised By :mohammad ahmed 07/01/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.071	152	23742	20.000	ng/u1	0.00
20) Naphthalene-d8	10.880	136	107906	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.693	164	85875	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.437	188	217201	20.000	ng/u1	0.00
79) Chrysene-d12	21.714	240	232995	20.000	ng/u1	0.00
88) Perylene-d12	24.969	264	232479	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.489	96	3856	7.728	ng/uL	-0.02
4) Pyridine-d5	3.906	84	28093	20.699	ng/u1	-0.01
7) Phenol-d5	7.231	99	37752	22.195	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.390	67	22284	21.719	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.601	132	27690	20.415	ng/u1	0.00
15) 4-Methylphenol-d8	8.771	113	32560	22.451	ng/u1	0.00
21) Nitrobenzene-d5	9.229	128	14859	18.552	ng/u1	0.00
24) 2-Nitrophenol-d4	9.957	143	15647	18.387	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.498	165	37205	19.760	ng/u1	0.00
31) 4-Chloroaniline-d4	11.009	131	48385	20.342	ng/u1	0.00
46) Dimethylphthalate-d6	14.094	166	122758	18.171	ng/u1	0.00
49) Acenaphthylene-d8	14.388	160	139209	18.950	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.881	143	17177	18.569	ng/u1	0.00
60) Fluorene-d10	15.686	176	112854	18.597	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	20447	17.257	ng/u1	0.00
73) Anthracene-d10	17.537	188	183163	18.673	ng/u1	0.00
81) Pyrene-d10	19.822	212	236861	19.498	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.740	264	224387	19.121	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.530	88	4896	8.991	ng/uL#	79
5) Pyridine	3.923	79	28902	20.534	ng/u1	95
6) Benzaldehyde	7.208	77	21997m	25.396	ng/u1	
8) Phenol	7.255	94	40341	22.730	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.484	93	29404	21.872	ng/u1	90
12) 2-Chlorophenol	7.637	128	29188	21.077	ng/u1	99
13) 2-Methylphenol	8.512	108	30617	22.224	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.594	45	48392	24.234	ng/u1	98
16) Acetophenone	8.888	105	48839	21.775	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.871	70	25605	22.395	ng/u1	99
18) 4-Methylphenol	8.835	108	34120	23.151	ng/u1	99
19) Hexachloroethane	9.158	117	11634	19.826	ng/u1	93
22) Nitrobenzene	9.270	77	36712	19.244	ng/u1	93
23) Isophorone	9.793	82	71530	19.338	ng/u1	99
25) 2-Nitrophenol	9.993	139	17109	19.173	ng/u1	92
26) 2,4-Dimethylphenol	10.046	107	39218	20.127	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.275	93	42610	20.463	ng/u1	97
29) 2,4-Dichlorophenol	10.527	162	37869	20.112	ng/u1	92
30) Naphthalene	10.927	128	101955	19.047	ng/u1	99
32) 4-Chloroaniline	11.033	127	48037	20.366	ng/u1	96
33) Hexachlorobutadiene	11.221	225	26362	14.334	ng/u1	96
34) Caprolactam	11.779	113	10820	19.257	ng/u1#	84
35) 4-Chloro-3-methylphenol	12.149	107	38256	21.128	ng/u1	95
36) 2-Methylnaphthalene	12.531	142	76411	19.297	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.748	142	77562	19.641	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.895	216	57621	16.508	ng/ul	97
40) Hexachlorocyclopentadiene	12.883	237	33452	17.088	ng/ul	99
41) 2,4,6-Trichlorophenol	13.136	196	33155	18.301	ng/ul	91
42) 2,4,5-Trichlorophenol	13.207	196	36335	17.741	ng/ul	96
43) 1,1'-Biphenyl	13.530	154	113233	19.025	ng/ul	99
44) 2-Chloronaphthalene	13.577	162	90530	18.316	ng/ul	99
45) 2-Nitroaniline	13.771	65	26167	21.043	ng/ul	97
47) Dimethylphthalate	14.141	163	118235	18.209	ng/ul	98
48) 2,6-Dinitrotoluene	14.264	165	24676	18.896	ng/ul	97
50) Acenaphthylene	14.417	152	146781	19.459	ng/ul	99
51) 3-Nitroaniline	14.587	138	22281	21.018	ng/ul#	95
52) Acenaphthene	14.758	153	97581	19.373	ng/ul	99
53) 2,4-Dinitrophenol	14.799	184	9749	16.115	ng/ul#	63
55) 4-Nitrophenol	14.899	109	15111	16.665	ng/ul	96
56) Dibenzofuran	15.093	168	145854	18.925	ng/ul	96
57) 2,4-Dinitrotoluene	15.046	165	36353	19.191	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.322	232	30554	17.168	ng/ul#	97
59) Diethylphthalate	15.504	149	120417	18.914	ng/ul	98
61) Fluorene	15.739	166	119432	19.027	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.733	204	68956	17.277	ng/ul	97
63) 4-Nitroaniline	15.751	138	20607	20.216	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.809	198	19770	17.382	ng/ul	93
67) N-Nitrosodiphenylamine	15.939	169	105930	19.949	ng/ul	96
68) 4-Bromophenyl-phenylether	16.626	248	46527	17.245	ng/ul	98
69) Hexachlorobenzene	16.750	284	52858	16.716	ng/ul	98
70) Atrazine	16.885	200	47603	18.252	ng/ul	96
71) Pentachlorophenol	17.096	266	20839m	15.548	ng/ul	
72) Phenanthrene	17.484	178	209176	19.439	ng/ul	98
74) Anthracene	17.572	178	209793	19.345	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.500	216	61405	16.598	ng/uL	98
76) Pentachlorobenzene	15.016	250	58704	17.253	ng/uL	100
77) Carbazole	17.836	167	182009	20.356	ng/ul	99
78) Di-n-butylphthalate	18.395	149	212110	20.836	ng/ul	99
80) Fluoranthene	19.487	202	269576	19.878	ng/ul	98
82) Pyrene	19.852	202	266894	19.795	ng/ul	99
83) Butylbenzylphthalate	20.733	149	91758	22.582	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.609	252	93980	19.491	ng/ul	97
85) Benzo(a)anthracene	21.697	228	273363	19.035	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.603	149	132513	22.318	ng/ul	97
87) Chrysene	21.761	228	264991	19.233	ng/ul	100
89) Di-n-octyl phthalate	22.825	149	228973	22.933	ng/ul	100
90) Benzo(b)fluoranthene	23.935	252	276255	19.244	ng/ul	97
91) Benzo(k)fluoranthene	24.000	252	268938	19.566	ng/ul	99
93) Benzo(a)pyrene	24.817	252	272463	19.704	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.683	276	308872	18.566	ng/ul	99
95) Dibenzo(a,h)anthracene	28.747	278	257834	18.415	ng/ul	97
96) Benzo(g,h,i)perylene	29.852	276	256696	18.274	ng/ul	98

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

