

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022423\
 Data File : BG056716.D
 Acq On : 24 Feb 2023 9:09
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020591

Quant Time: Feb 24 09:45:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 23 15:40:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/27/2023
 Supervised By :Jagrut Upadhyay 02/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.421	152	15253	20.000	ng/u1	0.00
20) Naphthalene-d8	11.259	136	69683	20.000	ng/u1	0.00
38) Acenaphthene-d10	15.025	164	55186	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.763	188	140860	20.000	ng/u1	0.00
79) Chrysene-d12	22.070	240	118458	20.000	ng/u1	0.00
88) Perylene-d12	25.607	264	126611	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.697	96	2757	10.027	ng/uL	0.00
4) Pyridine-d5	4.138	84	22618	20.379	ng/u1	0.00
7) Phenol-d5	7.540	99	31842	20.861	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.722	67	19756	21.219	ng/u1	0.00
11) 2-Chlorophenol-d4	7.939	132	20810	20.530	ng/u1	0.00
15) 4-Methylphenol-d8	9.109	113	24322	20.854	ng/u1	0.00
21) Nitrobenzene-d5	9.590	128	12359	21.164	ng/u1	0.00
24) 2-Nitrophenol-d4	10.319	143	13548	19.490	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.860	165	26776	20.447	ng/u1	0.00
31) 4-Chloroaniline-d4	11.382	131	36179	21.182	ng/u1	0.00
46) Dimethylphthalate-d6	14.408	166	92248	20.718	ng/u1	0.00
49) Acenaphthylene-d8	14.726	160	105899	20.926	ng/u1	0.00
54) 4-Nitrophenol-d4	15.184	143	15597	20.317	ng/u1	0.00
60) Fluorene-d10	16.006	176	84666	20.556	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.112	200	17545	18.617	ng/u1	0.00
73) Anthracene-d10	17.857	188	139486	20.412	ng/u1	0.00
81) Pyrene-d10	20.119	212	161459	20.143	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.360	264	139682	20.439	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.733	88	3024	8.920	ng/uL#	73
5) Pyridine	4.161	79	25842	21.986	ng/u1	90
6) Benzaldehyde	7.540	77	20395	25.505	ng/u1	96
8) Phenol	7.569	94	32113	20.626	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.816	93	23282	21.047	ng/u1	98
12) 2-Chlorophenol	7.975	128	21369	21.288	ng/u1	97
13) 2-Methylphenol	8.844	108	23934	20.381	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.938	45	31887	21.452	ng/u1#	95
16) Acetophenone	9.244	105	43954	22.008	ng/u1	92
17) N-Nitroso-di-n-propyla...	9.220	70	24613	21.479	ng/u1	95
18) 4-Methylphenol	9.173	108	27106	21.242	ng/u1	96
19) Hexachloroethane	9.526	117	8805	20.627	ng/u1	88
22) Nitrobenzene	9.637	77	35361	20.882	ng/u1	94
23) Isophorone	10.154	82	69785	21.079	ng/u1	96
25) 2-Nitrophenol	10.354	139	14539	21.189	ng/u1	94
26) 2,4-Dimethylphenol	10.395	107	31240	20.386	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.636	93	34963	20.893	ng/u1#	94
29) 2,4-Dichlorophenol	10.889	162	26551	20.937	ng/u1	99
30) Naphthalene	11.312	128	77803	20.284	ng/u1	99
32) 4-Chloroaniline	11.400	127	36269	21.436	ng/u1	98
33) Hexachlorobutadiene	11.588	225	20479	20.262	ng/u1	92
34) Caprolactam	12.140	113	9843	22.831	ng/u1#	80
35) 4-Chloro-3-methylphenol	12.487	107	30090	20.654	ng/u1	94
36) 2-Methylnaphthalene	12.887	142	58408	21.263	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.098	142	57119	21.090	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.239	216	40946	20.927	ng/ul	96
40) Hexachlorocyclopentadiene	13.216	237	25729	18.352	ng/ul	94
41) 2,4,6-Trichlorophenol	13.468	196	26759	20.468	ng/ul	94
42) 2,4,5-Trichlorophenol	13.539	196	29521	20.796	ng/ul	96
43) 1,1'-Biphenyl	13.868	154	84270	20.766	ng/ul	99
44) 2-Chloronaphthalene	13.915	162	69087	20.576	ng/ul#	90
45) 2-Nitroaniline	14.103	65	24266	20.822	ng/ul	99
47) Dimethylphthalate	14.461	163	95333	21.054	ng/ul#	98
48) 2,6-Dinitrotoluene	14.585	165	19327	20.822	ng/ul	95
50) Acenaphthylene	14.755	152	105772	20.690	ng/ul	99
51) 3-Nitroaniline	14.914	138	18522	22.296	ng/ul#	98
52) Acenaphthene	15.090	153	73375	20.893	ng/ul	97
53) 2,4-Dinitrophenol	15.113	184	9946	16.726	ng/ul	87
55) 4-Nitrophenol	15.196	109	17719	19.941	ng/ul	92
56) Dibenzofuran	15.419	168	110107	20.653	ng/ul	95
57) 2,4-Dinitrotoluene	15.366	165	28082	21.103	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.636	232	26656	20.178	ng/ul	99
59) Diethylphthalate	15.807	149	93009	20.521	ng/ul	98
61) Fluorene	16.065	166	88645	20.766	ng/ul	96
62) 4-Chlorophenyl-phenyle...	16.048	204	52468	20.751	ng/ul	97
63) 4-Nitroaniline	16.071	138	18108	22.310	ng/ul	97
66) 4,6-Dinitro-2-methylph...	16.124	198	17485	19.272	ng/ul	97
67) N-Nitrosodiphenylamine	16.253	169	79447	20.282	ng/ul	98
68) 4-Bromophenyl-phenylether	16.941	248	35464	19.867	ng/ul	97
69) Hexachlorobenzene	17.064	284	38908	20.288	ng/ul	98
70) Atrazine	17.187	200	35219	20.702	ng/ul	96
71) Pentachlorophenol	17.399	266	20243	18.589	ng/ul	92
72) Phenanthrene	17.804	178	156312	20.486	ng/ul	99
74) Anthracene	17.892	178	158458	20.550	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.838	216	42172	19.570	ng/uL	98
76) Pentachlorobenzene	15.337	250	44129	20.191	ng/uL	94
77) Carbazole	18.151	167	136550	21.165	ng/ul	98
78) Di-n-butylphthalate	18.680	149	152755	20.543	ng/ul	99
80) Fluoranthene	19.784	202	194331	20.050	ng/ul	98
82) Pyrene	20.149	202	191124	20.016	ng/ul	100
83) Butylbenzylphthalate	21.006	149	63259	20.884	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.947	252	65626	22.096	ng/ul	99
85) Benzo(a)anthracene	22.052	228	173958	20.177	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.917	149	87028	20.452	ng/ul	99
87) Chrysene	22.123	228	162078	20.184	ng/ul	99
89) Di-n-octyl phthalate	23.233	149	146326	21.258	ng/ul	100
90) Benzo(b)fluoranthene	24.473	252	174932m	20.639	ng/ul	
91) Benzo(k)fluoranthene	24.543	252	169145	20.488	ng/ul	97
93) Benzo(a)pyrene	25.437	252	149208	20.027	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.667	276	201904	19.949	ng/ul	99
95) Dibenzo(a,h)anthracene	29.749	278	166025	19.619	ng/ul	92
96) Benzo(g,h,i)perylene	30.954	276	161935	20.030	ng/ul	96

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

