

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022723\
 Data File : BG056747.D
 Acq On : 28 Feb 2023 3:44
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020595

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/28/2023
 Supervised By :Jagrut Upadhyay 02/28/2023

Quant Time: Feb 28 04:22:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 28 00:23:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.421	152	17099	20.000	ng/u1	0.00
20) Naphthalene-d8	11.258	136	71768	20.000	ng/u1	0.00
38) Acenaphthene-d10	15.025	164	55324	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.757	188	144311	20.000	ng/u1	0.00
79) Chrysene-d12	22.069	240	135947	20.000	ng/u1	0.00
88) Perylene-d12	25.595	264	143478	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.697	96	3153	10.229	ng/uL	0.00
4) Pyridine-d5	4.137	84	26345	21.174	ng/u1	0.00
7) Phenol-d5	7.539	99	32255	18.851	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.721	67	20998	20.118	ng/u1	0.00
11) 2-Chlorophenol-d4	7.945	132	21991	19.353	ng/u1	0.00
15) 4-Methylphenol-d8	9.108	113	24895	19.041	ng/u1	0.00
21) Nitrobenzene-d5	9.596	128	12268	20.398	ng/u1	0.00
24) 2-Nitrophenol-d4	10.324	143	14386	20.094	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.859	165	28012	20.769	ng/u1	0.00
31) 4-Chloroaniline-d4	11.376	131	36701	20.863	ng/u1	0.00
46) Dimethylphthalate-d6	14.414	166	92618	20.749	ng/u1	0.00
49) Acenaphthylene-d8	14.725	160	107296	21.150	ng/u1	0.00
54) 4-Nitrophenol-d4	15.183	143	15939	20.711	ng/u1	0.00
60) Fluorene-d10	16.006	176	90060	21.811	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.106	200	19152	19.836	ng/u1	0.00
73) Anthracene-d10	17.857	188	142916	20.413	ng/u1	0.00
81) Pyrene-d10	20.113	212	170207	18.502	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.354	264	161311	20.829	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.738	88	3230	8.499	ng/uL#	75
5) Pyridine	4.155	79	28372	21.532	ng/u1	88
6) Benzaldehyde	7.539	77	21440	23.917	ng/u1	95
8) Phenol	7.569	94	33964	19.460	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.815	93	24641	19.870	ng/u1	98
12) 2-Chlorophenol	7.974	128	22073	19.615	ng/u1	98
13) 2-Methylphenol	8.844	108	24476	18.592	ng/u1	88
14) 2,2'-oxybis(1-Chloropr...	8.932	45	32794	19.680	ng/u1	99
16) Acetophenone	9.243	105	43706	19.521	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.220	70	25050	19.500	ng/u1	95
18) 4-Methylphenol	9.173	108	27909	19.510	ng/u1	94
19) Hexachloroethane	9.525	117	9299	19.433	ng/uL#	83
22) Nitrobenzene	9.637	77	36635	21.005	ng/u1	92
23) Isophorone	10.154	82	68964	20.226	ng/u1	96
25) 2-Nitrophenol	10.354	139	13948	19.737	ng/u1	96
26) 2,4-Dimethylphenol	10.389	107	31729	20.104	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.630	93	35830	20.789	ng/u1	97
29) 2,4-Dichlorophenol	10.888	162	27071	20.727	ng/u1	95
30) Naphthalene	11.311	128	81229	20.562	ng/u1	97
32) 4-Chloroaniline	11.399	127	36197	20.772	ng/u1	95
33) Hexachlorobutadiene	11.588	225	22372	21.492	ng/u1	88
34) Caprolactam	12.146	113	9022m	20.319	ng/u1	
35) 4-Chloro-3-methylphenol	12.481	107	30991	20.654	ng/u1	99
36) 2-Methylnaphthalene	12.880	142	56822	20.085	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.092	142	58106	20.831	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	13.239	216	42233	21.531	ng/ul#	93
40) Hexachlorocyclopentadiene	13.215	237	28122	20.009	ng/ul	97
41) 2,4,6-Trichlorophenol	13.468	196	27168	20.729	ng/ul	95
42) 2,4,5-Trichlorophenol	13.538	196	30347	21.324	ng/ul	94
43) 1,1'-Biphenyl	13.861	154	85588	21.038	ng/ul	97
44) 2-Chloronaphthalene	13.914	162	71607	21.274	ng/ul	94
45) 2-Nitroaniline	14.102	65	24736	21.172	ng/ul	96
47) Dimethylphthalate	14.455	163	94898	20.906	ng/ul	100
48) 2,6-Dinitrotoluene	14.584	165	19410	20.859	ng/ul	96
50) Acenaphthylene	14.749	152	107157	20.908	ng/ul	99
51) 3-Nitroaniline	14.913	138	18139	21.781	ng/ul#	96
52) Acenaphthene	15.089	153	72802	20.678	ng/ul	98
53) 2,4-Dinitrophenol	15.113	184	11798	19.791	ng/ul	95
55) 4-Nitrophenol	15.195	109	18273	20.513	ng/ul	99
56) Dibenzofuran	15.418	168	111892	20.936	ng/ul	99
57) 2,4-Dinitrotoluene	15.365	165	28482	21.350	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.636	232	26716	20.173	ng/ul	98
59) Diethylphthalate	15.806	149	93644	20.609	ng/ul	97
61) Fluorene	16.059	166	90124	21.059	ng/ul	97
62) 4-Chlorophenyl-phenyle...	16.041	204	52236	20.607	ng/ul	98
63) 4-Nitroaniline	16.065	138	17902	22.001	ng/ul	92
66) 4,6-Dinitro-2-methylph...	16.117	198	18386	19.780	ng/ul	99
67) N-Nitrosodiphenylamine	16.253	169	80870	20.152	ng/ul	100
68) 4-Bromophenyl-phenylether	16.934	248	37108	20.291	ng/ul	97
69) Hexachlorobenzene	17.063	284	40039	20.379	ng/ul	99
70) Atrazine	17.181	200	35102	20.140	ng/ul	97
71) Pentachlorophenol	17.404	266	20206	18.112	ng/ul	96
72) Phenanthrene	17.804	178	158952	20.334	ng/ul	100
74) Anthracene	17.892	178	162157	20.527	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.838	216	44757	20.273	ng/uL	92
76) Pentachlorobenzene	15.336	250	45649	20.387	ng/uL	94
77) Carbazole	18.150	167	136482	20.649	ng/ul	99
78) Di-n-butylphthalate	18.679	149	156879	20.594	ng/ul	98
80) Fluoranthene	19.784	202	203914	18.333	ng/ul	98
82) Pyrene	20.142	202	203759	18.594	ng/ul	99
83) Butylbenzylphthalate	21.006	149	67750	19.489	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.946	252	73586	21.589	ng/ul	96
85) Benzo(a)anthracene	22.046	228	198493	20.061	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.911	149	98487	20.168	ng/ul	99
87) Chrysene	22.116	228	185201	20.097	ng/ul	99
89) Di-n-octyl phthalate	23.227	149	164931	21.144	ng/ul	100
90) Benzo(b)fluoranthene	24.467	252	200416	20.866	ng/ul	98
91) Benzo(k)fluoranthene	24.543	252	193759	20.711	ng/ul	99
93) Benzo(a)pyrene	25.430	252	170924	20.245	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.660	276	233477	20.357	ng/ul#	97
95) Dibenzo(a,h)anthracene	29.737	278	187788	19.582	ng/ul	94
96) Benzo(g,h,i)perylene	30.941	276	187274	20.441	ng/ul	96

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

