

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
 Data File : BG056833.D
 Acq On : 4 Mar 2023 12:28
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020456

Quant Time: Mar 05 23:57:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 02 00:12:28 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/06/2023
 Supervised By : Jagrut Upadhyay 03/06/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.414	152	16368	20.000	ng/u1	0.00
20) Naphthalene-d8	11.252	136	74364	20.000	ng/u1	0.00
38) Acenaphthene-d10	15.018	164	58846	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.756	188	146884	20.000	ng/u1	0.00
79) Chrysene-d12	22.063	240	143395	20.000	ng/u1	0.00
88) Perylene-d12	25.582	264	154214	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.696	96	3499	11.858	ng/uL	0.00
4) Pyridine-d5	4.137	84	28932	24.292	ng/u1	0.00
7) Phenol-d5	7.539	99	34994	21.365	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.721	67	21173	21.192	ng/u1	0.00
11) 2-Chlorophenol-d4	7.938	132	22263	20.468	ng/u1	0.00
15) 4-Methylphenol-d8	9.107	113	25857	20.660	ng/u1	0.00
21) Nitrobenzene-d5	9.589	128	12874	20.658	ng/u1	0.00
24) 2-Nitrophenol-d4	10.318	143	15136	20.404	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.858	165	29259	20.936	ng/u1	0.00
31) 4-Chloroaniline-d4	11.375	131	37326	20.478	ng/u1	0.00
46) Dimethylphthalate-d6	14.407	166	96567	20.339	ng/u1	0.00
49) Acenaphthylene-d8	14.718	160	111454	20.654	ng/u1	0.00
54) 4-Nitrophenol-d4	15.177	143	16251	19.853	ng/u1	0.00
60) Fluorene-d10	15.999	176	91511	20.836	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.105	200	19560	19.904	ng/u1	0.00
73) Anthracene-d10	17.850	188	147938	20.761	ng/u1	0.00
81) Pyrene-d10	20.112	212	178533	18.399	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.335	264	173154	20.802	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.737	88	3685	10.129	ng/uL#	92
5) Pyridine	4.154	79	31384	24.882	ng/u1	97
6) Benzaldehyde	7.539	77	22715	26.471	ng/u1	93
8) Phenol	7.568	94	35482	21.238	ng/u1	90
10) Bis(2-Chloroethyl)ether	7.815	93	25064	21.114	ng/u1	96
12) 2-Chlorophenol	7.973	128	22082	20.500	ng/u1	97
13) 2-Methylphenol	8.843	108	25973	20.610	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.931	45	33185	20.804	ng/u1	100
16) Acetophenone	9.242	105	46008	21.467	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.213	70	24973	20.308	ng/u1	99
18) 4-Methylphenol	9.172	108	28994	21.174	ng/u1	100
19) Hexachloroethane	9.519	117	9524	20.792	ng/u1	89
22) Nitrobenzene	9.636	77	40250	22.273	ng/u1	96
23) Isophorone	10.153	82	70535	19.964	ng/u1	97
25) 2-Nitrophenol	10.353	139	14887	20.330	ng/u1#	93
26) 2,4-Dimethylphenol	10.388	107	35152	21.495	ng/u1	91
27) Bis(2-Chloroethoxy)met...	10.629	93	36261	20.305	ng/u1	97
29) 2,4-Dichlorophenol	10.888	162	28844	21.313	ng/u1	94
30) Naphthalene	11.305	128	82533	20.163	ng/u1	98
32) 4-Chloroaniline	11.399	127	36589	20.264	ng/u1	94
33) Hexachlorobutadiene	11.581	225	22757	21.099	ng/u1	98
34) Caprolactam	12.139	113	9233m	20.068	ng/u1	
35) 4-Chloro-3-methylphenol	12.486	107	32107	20.651	ng/u1	95
36) 2-Methylnaphthalene	12.879	142	61339	20.924	ng/u1	98

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37) 1-Methylnaphthalene	13.097	142	60023	20.767	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.238	216	44767	21.457	ng/ul	96
40) Hexachlorocyclopentadiene	13.208	237	27267	18.239	ng/ul	98
41) 2,4,6-Trichlorophenol	13.461	196	29683	21.293	ng/ul	93
42) 2,4,5-Trichlorophenol	13.531	196	33230	21.953	ng/ul	93
43) 1,1'-Biphenyl	13.861	154	88540	20.461	ng/ul	95
44) 2-Chloronaphthalene	13.913	162	73755	20.600	ng/ul	97
45) 2-Nitroaniline	14.101	65	27776	22.351	ng/ul	88
47) Dimethylphthalate	14.454	163	95545	19.788	ng/ul	99
48) 2,6-Dinitrotoluene	14.577	165	20719	20.933	ng/ul	87
50) Acenaphthylene	14.748	152	113031	20.734	ng/ul	99
51) 3-Nitroaniline	14.912	138	18423	20.798	ng/ul#	96
52) Acenaphthene	15.083	153	78583	20.984	ng/ul	97
53) 2,4-Dinitrophenol	15.112	184	11898	18.764	ng/ul	86
55) 4-Nitrophenol	15.194	109	19871	20.972	ng/ul	90
56) Dibenzofuran	15.412	168	116761	20.539	ng/ul	99
57) 2,4-Dinitrotoluene	15.359	165	28913	20.376	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.629	232	29595	21.010	ng/ul	97
59) Diethylphthalate	15.799	149	95419	19.743	ng/ul	97
61) Fluorene	16.058	166	93810	20.609	ng/ul	97
62) 4-Chlorophenyl-phenyle...	16.040	204	57273	21.242	ng/ul	97
63) 4-Nitroaniline	16.064	138	16920	19.549	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	16.117	198	18596	19.656	ng/ul	98
67) N-Nitrosodiphenylamine	16.246	169	82521	20.203	ng/ul	95
68) 4-Bromophenyl-phenylether	16.928	248	39042	20.974	ng/ul	96
69) Hexachlorobenzene	17.057	284	41200	20.602	ng/ul	96
70) Atrazine	17.174	200	35976	20.280	ng/ul	97
71) Pentachlorophenol	17.398	266	22207m	19.557	ng/ul	
72) Phenanthrene	17.797	178	164492	20.674	ng/ul	98
74) Anthracene	17.885	178	162851	20.254	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.831	216	47727	21.240	ng/ul	94
76) Pentachlorobenzene	15.335	250	48225	21.160	ng/ul	96
77) Carbazole	18.144	167	138871	20.642	ng/ul	98
78) Di-n-butylphthalate	18.673	149	160595	20.712	ng/ul	99
80) Fluoranthene	19.777	202	209317	17.841	ng/ul#	98
82) Pyrene	20.141	202	209339	18.111	ng/ul	100
83) Butylbenzylphthalate	20.993	149	70648	19.267	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.939	252	78005	21.697	ng/ul	98
85) Benzo(a)anthracene	22.039	228	212747	20.385	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.898	149	101188	19.644	ng/ul	98
87) Chrysene	22.116	228	197097	20.277	ng/ul	98
89) Di-n-octyl phthalate	23.214	149	173654	20.713	ng/ul	100
90) Benzo(b)fluoranthene	24.454	252	220306	21.340	ng/ul	99
91) Benzo(k)fluoranthene	24.530	252	204926	20.379	ng/ul	100
93) Benzo(a)pyrene	25.418	252	187768	20.691	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.648	276	253741	20.583	ng/ul	99
95) Dibenzo(a,h)anthracene	29.707	278	208697	20.248	ng/ul	96
96) Benzo(g,h,i)perylene	30.911	276	204968m	20.815	ng/ul	

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

