

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030623\
 Data File : BG056835.D
 Acq On : 6 Mar 2023 10:26
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020457

Quant Time: Mar 07 01:54:11 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 03/07/2023
 Supervised By : Jagrut Upadhyay 03/07/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.417	152	14002	20.000	ng/u1	0.00
20) Naphthalene-d8	11.255	136	60042	20.000	ng/u1	0.00
38) Acenaphthene-d10	15.015	164	48086	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.753	188	123101	20.000	ng/u1	0.00
79) Chrysene-d12	22.054	240	119412	20.000	ng/u1	-0.01
88) Perylene-d12	25.579	264	132814	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.699	96	3057	12.111	ng/uL	0.00
4) Pyridine-d5	4.134	84	24853	24.393	ng/u1	0.00
7) Phenol-d5	7.536	99	26518	18.926	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.718	67	18382	21.507	ng/u1	0.00
11) 2-Chlorophenol-d4	7.935	132	17927	19.266	ng/u1	0.00
15) 4-Methylphenol-d8	9.105	113	19814	18.507	ng/u1	0.00
21) Nitrobenzene-d5	9.586	128	10410	20.689	ng/u1	0.00
24) 2-Nitrophenol-d4	10.315	143	11054	18.456	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.855	165	22433	19.881	ng/u1	0.00
31) 4-Chloroaniline-d4	11.373	131	29873	20.298	ng/u1	0.00
46) Dimethylphthalate-d6	14.404	166	73936	19.057	ng/u1	0.00
49) Acenaphthylene-d8	14.716	160	92880	21.064	ng/u1	0.00
54) 4-Nitrophenol-d4	15.174	143	12346	18.457	ng/u1	0.00
60) Fluorene-d10	15.997	176	75904	21.150	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.096	200	13659	16.585	ng/u1	0.00
73) Anthracene-d10	17.847	188	122842	20.569	ng/u1	0.00
81) Pyrene-d10	20.109	212	149443	18.495	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.327	264	144994	20.226	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.734	88	3157	10.144	ng/uL	96
5) Pyridine	4.157	79	26808	24.846	ng/u1	90
6) Benzaldehyde	7.536	77	18581	25.312	ng/u1	94
8) Phenol	7.565	94	28238	19.758	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.812	93	21169	20.846	ng/u1	94
12) 2-Chlorophenol	7.971	128	17687	19.194	ng/u1	97
13) 2-Methylphenol	8.840	108	19178	17.790	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.934	45	28426	20.832	ng/u1	95
16) Acetophenone	9.240	105	37493	20.450	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.210	70	21178	20.132	ng/u1#	94
18) 4-Methylphenol	9.163	108	22142	18.902	ng/u1	93
19) Hexachloroethane	9.522	117	7669	19.571	ng/u1#	89
22) Nitrobenzene	9.633	77	32947	22.580	ng/u1	96
23) Isophorone	10.150	82	57166	20.040	ng/u1	97
25) 2-Nitrophenol	10.350	139	10522	17.797	ng/u1	95
26) 2,4-Dimethylphenol	10.385	107	26084	19.755	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.626	93	29827	20.686	ng/u1	99
29) 2,4-Dichlorophenol	10.885	162	21968	20.105	ng/u1	98
30) Naphthalene	11.302	128	68540	20.739	ng/u1	97
32) 4-Chloroaniline	11.396	127	30084	20.636	ng/u1	97
33) Hexachlorobutadiene	11.578	225	18163	20.856	ng/u1	88
34) Caprolactam	12.136	113	6780m	18.252	ng/u1	
35) 4-Chloro-3-methylphenol	12.483	107	24671	19.653	ng/u1	88
36) 2-Methylnaphthalene	12.877	142	49628	20.968	ng/u1	96

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37) 1-Methylnaphthalene	13.088	142	49715	21.303	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.235	216	37749	22.142	ng/ul	96
40) Hexachlorocyclopentadiene	13.212	237	19651	16.086	ng/ul	99
41) 2,4,6-Trichlorophenol	13.458	196	22029	19.338	ng/ul	95
42) 2,4,5-Trichlorophenol	13.529	196	24725	19.989	ng/ul	94
43) 1,1'-Biphenyl	13.858	154	73075	20.666	ng/ul	99
44) 2-Chloronaphthalene	13.905	162	61565	21.043	ng/ul#	90
45) 2-Nitroaniline	14.093	65	20448	20.136	ng/ul	92
47) Dimethylphthalate	14.451	163	75777	19.206	ng/ul#	97
48) 2,6-Dinitrotoluene	14.575	165	16569	20.486	ng/ul#	77
50) Acenaphthylene	14.745	152	93445	20.977	ng/ul	99
51) 3-Nitroaniline	14.904	138	14694	20.300	ng/ul#	86
52) Acenaphthene	15.080	153	63602	20.784	ng/ul	98
53) 2,4-Dinitrophenol	15.109	184	8065	15.566	ng/ul#	78
55) 4-Nitrophenol	15.192	109	13896	17.947	ng/ul	97
56) Dibenzofuran	15.409	168	97016	20.885	ng/ul	97
57) 2,4-Dinitrotoluene	15.356	165	24425	21.065	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.626	232	21630	18.791	ng/ul#	95
59) Diethylphthalate	15.797	149	73934	18.721	ng/ul	98
61) Fluorene	16.055	166	76800	20.647	ng/ul	96
62) 4-Chlorophenyl-phenyle...	16.038	204	48119	21.841	ng/ul	99
63) 4-Nitroaniline	16.061	138	14780	20.898	ng/ul	91
66) 4,6-Dinitro-2-methylph...	16.114	198	13628	17.188	ng/ul#	95
67) N-Nitrosodiphenylamine	16.243	169	69812	20.394	ng/ul	96
68) 4-Bromophenyl-phenylether	16.925	248	32214	20.650	ng/ul	94
69) Hexachlorobenzene	17.054	284	34883	20.813	ng/ul	95
70) Atrazine	17.177	200	28689	19.297	ng/ul	97
71) Pentachlorophenol	17.395	266	15897	16.704	ng/ul	97
72) Phenanthrene	17.794	178	138732	20.805	ng/ul	98
74) Anthracene	17.883	178	139666	20.726	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.828	216	39163	20.796	ng/uL	97
76) Pentachlorobenzene	15.327	250	39999	20.942	ng/uL	95
77) Carbazole	18.147	167	115370	20.462	ng/ul	99
78) Di-n-butylphthalate	18.670	149	117008	18.006	ng/ul	98
80) Fluoranthene	19.774	202	176297	18.044	ng/ul	99
82) Pyrene	20.133	202	177693	18.461	ng/ul	99
83) Butylbenzylphthalate	20.991	149	45016	14.742	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.931	252	62013	20.713	ng/ul	95
85) Benzo(a)anthracene	22.036	228	180946	20.820	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.895	149	69445	16.190	ng/ul	98
87) Chrysene	22.107	228	166156	20.527	ng/ul	99
89) Di-n-octyl phthalate	23.206	149	118971	16.477	ng/ul	100
90) Benzo(b)fluoranthene	24.445	252	182861	20.567	ng/ul	98
91) Benzo(k)fluoranthene	24.522	252	173698	20.057	ng/ul	97
93) Benzo(a)pyrene	25.409	252	155957	19.955	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	29.633	276	213826m	20.140	ng/ul	
95) Dibenzo(a,h)anthracene	29.698	278	171549	19.325	ng/ul#	92
96) Benzo(g,h,i)perylene	30.903	276	170533	20.109	ng/ul	96

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

