

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
 Data File : BG057373.D
 Acq On : 10 May 2023 17:34
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020484

Quant Time: May 11 00:15:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 10 11:18:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/11/2023
 Supervised By :Jagrut Upadhyay 05/11/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.363	152	16671	20.000	ng/u1	0.00
20) Naphthalene-d8	11.200	136	70156	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.978	164	54839	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.721	188	136370	20.000	ng/u1	0.00
79) Chrysene-d12	22.027	240	129405	20.000	ng/u1	0.00
88) Perylene-d12	25.534	264	135450	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.646	96	3304	8.721	ng/uL	0.00
4) Pyridine-d5	4.087	84	24212	20.272	ng/u1	0.00
7) Phenol-d5	7.505	99	32555	20.649	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.670	67	18033	19.447	ng/u1	0.00
11) 2-Chlorophenol-d4	7.893	132	22959	22.098	ng/u1	0.00
15) 4-Methylphenol-d8	9.068	113	24830	20.722	ng/u1	0.00
21) Nitrobenzene-d5	9.544	128	11728	20.992	ng/u1	0.00
24) 2-Nitrophenol-d4	10.278	143	14837	22.755	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.819	165	28634	22.762	ng/u1	0.00
31) 4-Chloroaniline-d4	11.336	131	37108	22.257	ng/u1	0.00
46) Dimethylphthalate-d6	14.361	166	93025	21.408	ng/u1	0.00
49) Acenaphthylene-d8	14.678	160	105898	21.684	ng/u1	0.00
54) 4-Nitrophenol-d4	15.166	143	11811m	18.674	ng/u1	0.00
60) Fluorene-d10	15.965	176	87516	21.620	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.082	200	16165	20.007	ng/u1	0.00
73) Anthracene-d10	17.815	188	134837	21.662	ng/u1	0.00
81) Pyrene-d10	20.083	212	162097	21.104	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.293	264	145642	21.105	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.687	88	3699	9.207	ng/uL#	82
5) Pyridine	4.110	79	23910	18.991	ng/u1	93
6) Benzaldehyde	7.488	77	9552	19.837	ng/u1#	80
8) Phenol	7.535	94	32576	20.500	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.764	93	24081	20.248	ng/u1	94
12) 2-Chlorophenol	7.928	128	23649	21.671	ng/u1	97
13) 2-Methylphenol	8.798	108	25243	20.498	ng/u1	90
14) 2,2'-oxybis(1-Chloropr...	8.880	45	28558	18.625	ng/u1	96
16) Acetophenone	9.191	105	42348	20.538	ng/u1	93
17) N-Nitroso-di-n-propyla...	9.162	70	22632	19.100	ng/u1#	93
18) 4-Methylphenol	9.133	108	27327	20.500	ng/u1	97
19) Hexachloroethane	9.462	117	9763	21.382	ng/u1	94
22) Nitrobenzene	9.585	77	33391	20.071	ng/u1	98
23) Isophorone	10.102	82	64195	20.281	ng/u1	98
25) 2-Nitrophenol	10.307	139	14837	22.466	ng/u1	93
26) 2,4-Dimethylphenol	10.349	107	32867	21.938	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.578	93	34569	21.010	ng/u1	99
29) 2,4-Dichlorophenol	10.848	162	27309	22.871	ng/u1	96
30) Naphthalene	11.253	128	82216	21.344	ng/u1	97
32) 4-Chloroaniline	11.359	127	36970	21.281	ng/u1	98
33) Hexachlorobutadiene	11.523	225	23025	22.736	ng/u1	97
34) Caprolactam	12.105	113	8529	21.218	ng/u1	93
35) 4-Chloro-3-methylphenol	12.452	107	29805	21.695	ng/u1	98
36) 2-Methylnaphthalene	12.833	142	60817	21.530	ng/u1	95

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37) 1-Methylnaphthalene	13.051	142	61868	21.781	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.192	216	44759	22.460	ng/ul	99
40) Hexachlorocyclopentadiene	13.168	237	16927	17.021	ng/ul	99
41) 2,4,6-Trichlorophenol	13.427	196	26219	22.590	ng/ul	99
42) 2,4,5-Trichlorophenol	13.509	196	26875	21.567	ng/ul#	88
43) 1,1'-Biphenyl	13.815	154	91083	21.767	ng/ul	99
44) 2-Chloronaphthalene	13.867	162	71285	21.971	ng/ul	98
45) 2-Nitroaniline	14.061	65	20394	20.822	ng/ul	91
47) Dimethylphthalate	14.414	163	90942	20.841	ng/ul	99
48) 2,6-Dinitrotoluene	14.543	165	20351	22.662	ng/ul	99
50) Acenaphthylene	14.707	152	106959	21.552	ng/ul	98
51) 3-Nitroaniline	14.878	138	13933	21.897	ng/ul	98
52) Acenaphthene	15.042	153	74746	21.138	ng/ul	97
53) 2,4-Dinitrophenol	15.101	184	5968	12.479	ng/ul	91
55) 4-Nitrophenol	15.183	109	12713	17.731	ng/ul	95
56) Dibenzofuran	15.371	168	110314	21.604	ng/ul	99
57) 2,4-Dinitrotoluene	15.330	165	27997	21.778	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.600	232	25230	22.282	ng/ul	96
59) Diethylphthalate	15.759	149	93012	20.980	ng/ul	97
61) Fluorene	16.017	166	93209	21.587	ng/ul	98
62) 4-Chlorophenyl-phenyle...	16.000	204	54044	21.445	ng/ul	96
63) 4-Nitroaniline	16.035	138	10108	16.775	ng/ul	94
66) 4,6-Dinitro-2-methylph...	16.100	198	16082	19.533	ng/ul	93
67) N-Nitrosodiphenylamine	16.211	169	76698	21.531	ng/ul	99
68) 4-Bromophenyl-phenylether	16.893	248	35010	21.480	ng/ul	88
69) Hexachlorobenzene	17.022	284	38825	22.620	ng/ul	98
70) Atrazine	17.145	200	34403	21.730	ng/ul	98
71) Pentachlorophenol	17.374	266	16025m	20.199	ng/ul	
72) Phenanthrene	17.762	178	153740	21.649	ng/ul	99
74) Anthracene	17.850	178	154832	21.705	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.791	216	46392	22.618	ng/ul	97
76) Pentachlorobenzene	15.295	250	47418	22.712	ng/ul	95
77) Carbazole	18.115	167	131700	22.092	ng/ul	99
78) Di-n-butylphthalate	18.632	149	150958	22.145	ng/ul	99
80) Fluoranthene	19.748	202	192714	21.121	ng/ul	98
82) Pyrene	20.112	202	194366	21.043	ng/ul	98
83) Butylbenzylphthalate	20.964	149	67328	22.761	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.904	252	69052	24.027	ng/ul	93
85) Benzo(a)anthracene	22.009	228	194879	21.293	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.851	149	95682	22.240	ng/ul	98
87) Chrysene	22.080	228	183009	21.194	ng/ul	98
89) Di-n-octyl phthalate	23.149	149	163039	21.797	ng/ul	100
90) Benzo(b)fluoranthene	24.406	252	200219	21.346	ng/ul	98
91) Benzo(k)fluoranthene	24.482	252	190090	20.831	ng/ul	99
93) Benzo(a)pyrene	25.369	252	170575	21.064	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.581	276	214745	21.215	ng/ul	99
95) Dibenzo(a,h)anthracene	29.634	278	178737	21.294	ng/ul#	95
96) Benzo(g,h,i)perylene	30.850	276	174672	21.321	ng/ul	98

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

