

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021822\
 Data File : BG052423.D
 Acq On : 18 Feb 2022 14:50
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020524

Quant Time: Feb 18 22:40:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG013122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 31 18:07:10 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/21/2022
 Supervised By :Yogesh Patel 02/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.240	152	27409	20.000	ng/u1	0.00
20) Naphthalene-d8	11.077	136	118807	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.878	164	86709	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.627	188	218418	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.945	240	232366	20.000	ng/u1	# 0.00
88) Perylene-d12	25.417	264	234545	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.552	96	5945	8.750	ng/uL	-0.01
4) Pyridine-d5	3.981	84	45785	21.666	ng/u1	0.00
7) Phenol-d5	7.382	99	51554	20.679	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.547	67	32737	21.614	ng/u1	0.00
11) 2-Chlorophenol-d4	7.770	132	37260	21.447	ng/u1	0.00
15) 4-Methylphenol-d8	8.945	113	41333	21.847	ng/u1	0.00
21) Nitrobenzene-d5	9.409	128	21004	21.712	ng/u1	0.00
24) 2-Nitrophenol-d4	10.149	143	23158	21.908	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.696	165	44229	21.463	ng/u1	0.00
31) 4-Chloroaniline-d4	11.207	131	63495	24.291	ng/u1	0.00
46) Dimethylphthalate-d6	14.267	166	149212	21.893	ng/u1	0.00
49) Acenaphthylene-d8	14.573	160	183349	21.583	ng/u1	0.00
54) 4-Nitrophenol-d4	15.066	143	24075	23.323	ng/u1	0.00
60) Fluorene-d10	15.871	176	130180	21.802	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.982	200	26870m	19.927	ng/u1	0.00
73) Anthracene-d10	17.727	188	221833	21.543	ng/u1	0.00
81) Pyrene-d10	20.006	212	284037	20.396	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.176	264	263160	21.120	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.587	88	6455	8.524	ng/uL	94
5) Pyridine	3.999	79	47490	21.459	ng/u1	94
6) Benzaldehyde	7.359	77	25881	18.311	ng/u1	93
8) Phenol	7.412	94	54328	21.744	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.641	93	41021	21.726	ng/u1	91
12) 2-Chlorophenol	7.799	128	39795	22.190	ng/u1	92
13) 2-Methylphenol	8.681	108	39971	21.257	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.769	45	56866	21.087	ng/u1#	95
16) Acetophenone	9.068	105	66284	22.592	ng/u1	99
17) N-Nitroso-di-n-propyla...	9.045	70	38892	22.099	ng/u1	95
18) 4-Methylphenol	9.010	108	43007	21.709	ng/u1	98
19) Hexachloroethane	9.344	117	15465	20.024	ng/u1#	81
22) Nitrobenzene	9.456	77	54274	20.115	ng/u1	97
23) Isophorone	9.979	82	105302	21.091	ng/u1	98
25) 2-Nitrophenol	10.179	139	24254	20.988	ng/u1	95
26) 2,4-Dimethylphenol	10.226	107	49563	20.800	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.461	93	56255	21.009	ng/u1	99
29) 2,4-Dichlorophenol	10.719	162	40737	20.450	ng/u1	96
30) Naphthalene	11.124	128	135099	20.797	ng/u1	97
32) 4-Chloroaniline	11.230	127	63441	23.540	ng/u1	98
33) Hexachlorobutadiene	11.418	225	31390	19.317	ng/u1	99
34) Caprolactam	11.970	113	15668	24.251	ng/u1	86
35) 4-Chloro-3-methylphenol	12.340	107	48025	22.351	ng/u1	92
36) 2-Methylnaphthalene	12.722	142	98111	21.522	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.940	142	100995	21.536	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.086	216	61843	19.815	ng/ul	96
40) Hexachlorocyclopentadiene	13.069	237	30789	17.280	ng/ul	94
41) 2,4,6-Trichlorophenol	13.321	196	36698	19.692	ng/ul	94
42) 2,4,5-Trichlorophenol	13.398	196	40147	20.002	ng/ul	94
43) 1,1'-Biphenyl	13.715	154	138945	20.440	ng/ul#	93
44) 2-Chloronaphthalene	13.762	162	108906	20.939	ng/ul	98
45) 2-Nitroaniline	13.956	65	37411	21.363	ng/ul	94
47) Dimethylphthalate	14.314	163	141470	21.415	ng/ul#	99
48) 2,6-Dinitrotoluene	14.438	165	31573	22.154	ng/ul#	85
50) Acenaphthylene	14.602	152	181195	21.280	ng/ul	95
51) 3-Nitroaniline	14.772	138	22331	18.310	ng/ul	97
52) Acenaphthene	14.943	153	118937	21.307	ng/ul	96
53) 2,4-Dinitrophenol	14.984	184	13297	17.968	ng/ul	90
55) 4-Nitrophenol	15.078	109	22763	21.039	ng/ul	85
56) Dibenzofuran	15.278	168	171957	21.276	ng/ul	97
57) 2,4-Dinitrotoluene	15.231	165	45594	22.317	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.501	232	35769	20.358	ng/ul#	86
59) Diethylphthalate	15.671	149	147128	21.964	ng/ul	98
61) Fluorene	15.924	166	144938	21.610	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.906	204	77788	21.089	ng/ul	94
63) 4-Nitroaniline	15.930	138	17359m	14.668	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.994	198	24615	19.167	ng/ul	98
67) N-Nitrosodiphenylamine	16.118	169	124262	20.752	ng/ul	97
68) 4-Bromophenyl-phenylether	16.805	248	55420	21.019	ng/ul#	87
69) Hexachlorobenzene	16.934	284	59904	20.216	ng/ul#	91
70) Atrazine	17.057	200	57717	21.848	ng/ul	98
71) Pentachlorophenol	17.281	266	24872	17.506	ng/ul	95
72) Phenanthrene	17.668	178	243683	21.178	ng/ul	98
74) Anthracene	17.762	178	247931	21.831	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.686	216	65209	17.883	ng/uL	95
76) Pentachlorobenzene	15.201	250	68236	20.285	ng/uL	99
77) Carbazole	18.027	167	224920	22.723	ng/ul	99
78) Di-n-butylphthalate	18.567	149	263710	22.212	ng/ul	99
80) Fluoranthene	19.672	202	331087	20.189	ng/ul#	92
82) Pyrene	20.036	202	324834	20.233	ng/ul#	89
83) Butylbenzylphthalate	20.899	149	115431	20.553	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.822	252	99794	20.057	ng/ul#	95
85) Benzo(a)anthracene	21.921	228	320261	20.492	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.798	149	161077	20.008	ng/ul#	95
87) Chrysene	21.992	228	306035	20.725	ng/ul	97
89) Di-n-octyl phthalate	23.090	149	271157	20.377	ng/ul	100
90) Benzo(b)fluoranthene	24.307	252	335431	20.624	ng/ul#	96
91) Benzo(k)fluoranthene	24.377	252	313378	21.060	ng/ul#	97
93) Benzo(a)pyrene	25.252	252	315095	20.773	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.417	276	365112m	21.608	ng/ul	
95) Dibenzo(a,h)anthracene	29.488	278	306181m	21.854	ng/ul	
96) Benzo(g,h,i)perylene	30.680	276	300551m	20.896	ng/ul	

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

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