

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011522\
 Data File : BG051991.D
 Acq On : 15 Jan 2022 11:27
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020487

Quant Time: Jan 17 03:58:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 14:43:02 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2022
 Supervised By :mohammad ahmed 01/21/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.246	152	26920	20.000	ng/u1	0.00
20) Naphthalene-d8	11.084	136	108949	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.890	164	77744	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.640	188	196654	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.957	240	175278	20.000	ng/u1	# 0.00
88) Perylene-d12	25.447	264	175086	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.570	96	5520	7.327	ng/uL	0.00
4) Pyridine-d5	3.999	84	44587	19.039	ng/u1	0.00
7) Phenol-d5	7.383	99	54165	20.558	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.547	67	33658	20.124	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.771	132	36877	21.140	ng/u1	0.00
15) 4-Methylphenol-d8	8.945	113	40837	19.938	ng/u1	0.00
21) Nitrobenzene-d5	9.415	128	19603	22.771	ng/u1	0.00
24) 2-Nitrophenol-d4	10.150	143	21822	22.919	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.696	165	42626	22.904	ng/u1	0.00
31) 4-Chloroaniline-d4	11.207	131	54603	21.068	ng/u1	0.00
46) Dimethylphthalate-d6	14.279	166	134811	20.979	ng/u1	0.00
49) Acenaphthylene-d8	14.585	160	169542	21.841	ng/u1	0.00
54) 4-Nitrophenol-d4	15.067	143	23409	21.788	ng/u1	0.00
60) Fluorene-d10	15.877	176	119110	21.259	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.983	200	25690	20.708	ng/u1	0.00
73) Anthracene-d10	17.733	188	199707	21.408	ng/u1	0.00
81) Pyrene-d10	20.013	212	239497	23.742	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.206	264	202346	21.953	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.606	88	6303	7.251	ng/uL#	88
5) Pyridine	4.017	79	45588	18.580	ng/u1	92
6) Benzaldehyde	7.359	77	38623m	22.037	ng/u1	
8) Phenol	7.412	94	54993	20.449	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.641	93	40617	20.633	ng/u1	97
12) 2-Chlorophenol	7.806	128	39290	22.140	ng/u1	97
13) 2-Methylphenol	8.681	108	40086	20.498	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.763	45	59953	19.967	ng/u1	97
16) Acetophenone	9.069	105	64439	19.935	ng/u1	92
17) N-Nitroso-di-n-propyla...	9.045	70	40279	20.396	ng/u1	98
18) 4-Methylphenol	9.010	108	43706	20.632	ng/u1	91
19) Hexachloroethane	9.351	117	15488	20.215	ng/u1#	75
22) Nitrobenzene	9.456	77	55868	20.923	ng/u1	99
23) Isophorone	9.985	82	109058	21.603	ng/u1	99
25) 2-Nitrophenol	10.179	139	22911	21.895	ng/u1	93
26) 2,4-Dimethylphenol	10.232	107	48233	21.243	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.461	93	54573	20.996	ng/u1	99
29) 2,4-Dichlorophenol	10.725	162	40324	22.062	ng/u1	97
30) Naphthalene	11.137	128	128772	21.812	ng/u1	99
32) 4-Chloroaniline	11.231	127	56260	21.300	ng/u1	99
33) Hexachlorobutadiene	11.424	225	29708	20.391	ng/u1	96
34) Caprolactam	11.971	113	16452m	23.128	ng/u1	
35) 4-Chloro-3-methylphenol	12.341	107	47643	22.576	ng/u1	98
36) 2-Methylnaphthalene	12.729	142	94331	22.431	ng/u1	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.946	142	91716	21.251	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.093	216	59050	21.964	ng/ul	97
40) Hexachlorocyclopentadiene	13.075	237	31247	16.938	ng/ul	94
41) 2,4,6-Trichlorophenol	13.328	196	37373	21.994	ng/ul	97
42) 2,4,5-Trichlorophenol	13.398	196	41171	22.476	ng/ul	97
43) 1,1'-Biphenyl	13.721	154	131802	21.960	ng/ul#	94
44) 2-Chloronaphthalene	13.768	162	100663	21.657	ng/ul	98
45) 2-Nitroaniline	13.956	65	37428	21.011	ng/ul	92
47) Dimethylphthalate	14.320	163	132188	20.862	ng/ul	100
48) 2,6-Dinitrotoluene	14.444	165	28745	21.516	ng/ul	93
50) Acenaphthylene	14.614	152	167686	21.938	ng/ul	97
51) 3-Nitroaniline	14.779	138	29554	24.455	ng/ul	98
52) Acenaphthene	14.955	153	109659	21.577	ng/ul	97
53) 2,4-Dinitrophenol	14.984	184	14343	18.209	ng/ul	97
55) 4-Nitrophenol	15.078	109	24958	20.243	ng/ul	93
56) Dibenzofuran	15.284	168	155833	21.112	ng/ul	98
57) 2,4-Dinitrotoluene	15.231	165	40611	21.025	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.507	232	37212	21.902	ng/ul	93
59) Diethylphthalate	15.683	149	139185	21.291	ng/ul	99
61) Fluorene	15.936	166	131993	21.459	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.918	204	71379	20.912	ng/ul	96
63) 4-Nitroaniline	15.936	138	30396	24.480	ng/ul	91
66) 4,6-Dinitro-2-methylph...	16.001	198	24565	20.711	ng/ul#	99
67) N-Nitrosodiphenylamine	16.130	169	116683	22.081	ng/ul	99
68) 4-Bromophenyl-phenylether	16.817	248	48836	21.213	ng/ul#	86
69) Hexachlorobenzene	16.946	284	53753	21.052	ng/ul#	89
70) Atrazine	17.070	200	52263	21.318	ng/ul	98
71) Pentachlorophenol	17.287	266	29272	20.529	ng/ul	91
72) Phenanthrene	17.681	178	224111	21.749	ng/ul	99
74) Anthracene	17.769	178	223013	21.621	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.692	216	64745	21.922	ng/ul	97
76) Pentachlorobenzene	15.208	250	60273	20.968	ng/ul	97
77) Carbazole	18.033	167	203367	21.881	ng/ul	99
78) Di-n-butylphthalate	18.579	149	241241	21.958	ng/ul	99
80) Fluoranthene	19.684	202	286040	24.537	ng/ul#	93
82) Pyrene	20.042	202	274371	23.905	ng/ul#	91
83) Butylbenzylphthalate	20.912	149	95473	23.902	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.840	252	96068	23.743	ng/ul#	98
85) Benzo(a)anthracene	21.940	228	257584	22.346	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.822	149	133430	22.842	ng/ul#	98
87) Chrysene	22.010	228	240221	21.642	ng/ul	98
89) Di-n-octyl phthalate	23.120	149	223994	23.160	ng/ul	100
90) Benzo(b)fluoranthene	24.330	252	256851	22.136	ng/ul#	96
91) Benzo(k)fluoranthene	24.401	252	243301	22.678	ng/ul#	97
93) Benzo(a)pyrene	25.282	252	243802	22.202	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.459	276	277290	22.059	ng/ul#	89
95) Dibenzo(a,h)anthracene	29.535	278	237150	22.305	ng/ul#	94
96) Benzo(g,h,i)perylene	30.722	276	230257	21.786	ng/ul#	88

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

