

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010622\
 Data File : BG051910.D
 Acq On : 7 Jan 2022 11:44
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020474

Quant Time: Jan 07 22:51:55 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 01/10/2022
 Supervised By :mohammad ahmed 01/12/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.246	152	26352	20.000	ng/u1	0.00
20) Naphthalene-d8	11.089	136	110363	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.890	164	80388	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.639	188	211358	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.962	240	218331	20.000	ng/u1	# 0.00
88) Perylene-d12	25.452	264	223517	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.570	96	5602	7.596	ng/uL	0.00
4) Pyridine-d5	4.004	84	54354	23.709	ng/u1	0.00
7) Phenol-d5	7.388	99	53684	20.815	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	31218	19.067	ng/u1	0.00
11) 2-Chlorophenol-d4	7.770	132	34932	20.457	ng/u1	0.00
15) 4-Methylphenol-d8	8.951	113	40393	20.147	ng/u1	0.00
21) Nitrobenzene-d5	9.415	128	18266	20.946	ng/u1	0.00
24) 2-Nitrophenol-d4	10.149	143	20950	21.722	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.701	165	41525	22.027	ng/u1	0.00
31) 4-Chloroaniline-d4	11.212	131	55665	21.203	ng/u1	0.00
46) Dimethylphthalate-d6	14.279	166	133040	20.022	ng/u1	0.00
49) Acenaphthylene-d8	14.584	160	166704	20.769	ng/u1	0.00
54) 4-Nitrophenol-d4	15.066	143	20297	18.270	ng/u1	0.00
60) Fluorene-d10	15.877	176	119820	20.682	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.982	200	10935	8.201	ng/u1	0.00
73) Anthracene-d10	17.739	188	206963	20.642	ng/u1	0.00
81) Pyrene-d10	20.018	212	271981	21.645	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.205	264	247430	21.028	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.611	88	6434	7.561	ng/uL	87
5) Pyridine	4.028	79	53685	22.352	ng/u1	97
6) Benzaldehyde	7.370	77	37480	21.846	ng/u1	93
8) Phenol	7.412	94	53646	20.378	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.646	93	39122	20.302	ng/u1	92
12) 2-Chlorophenol	7.805	128	39164	22.545	ng/u1	97
13) 2-Methylphenol	8.686	108	39410	20.587	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.774	45	57617	19.602	ng/u1	96
16) Acetophenone	9.074	105	64291	20.317	ng/u1	93
17) N-Nitroso-di-n-propyla...	9.050	70	38988	20.168	ng/u1	97
18) 4-Methylphenol	9.015	108	43134	20.801	ng/u1	97
19) Hexachloroethane	9.350	117	14714	19.619	ng/u1#	82
22) Nitrobenzene	9.462	77	56087	20.735	ng/u1	98
23) Isophorone	9.990	82	102266	19.998	ng/u1	99
25) 2-Nitrophenol	10.178	139	21960	20.717	ng/u1	93
26) 2,4-Dimethylphenol	10.231	107	49786	21.646	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.466	93	53779	20.425	ng/u1	99
29) 2,4-Dichlorophenol	10.725	162	39225	21.186	ng/u1	94
30) Naphthalene	11.136	128	122760	20.527	ng/u1	96
32) 4-Chloroaniline	11.236	127	58206	21.755	ng/u1	97
33) Hexachlorobutadiene	11.424	225	30568	20.712	ng/u1	97
34) Caprolactam	11.982	113	15673m	21.751	ng/u1	
35) 4-Chloro-3-methylphenol	12.346	107	48559	22.716	ng/u1	99
36) 2-Methylnaphthalene	12.734	142	90015	21.131	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.951	142	89605	20.496	ng/ul	91
39) 1,2,4,5-Tetrachloroben...	13.098	216	56321	20.260	ng/ul	98
40) Hexachlorocyclopentadiene	13.080	237	33510	17.568	ng/ul	98
41) 2,4,6-Trichlorophenol	13.327	196	37975	21.613	ng/ul	97
42) 2,4,5-Trichlorophenol	13.403	196	41749	22.042	ng/ul	99
43) 1,1'-Biphenyl	13.727	154	127676	20.573	ng/ul	95
44) 2-Chloronaphthalene	13.773	162	99763	20.757	ng/ul	99
45) 2-Nitroaniline	13.961	65	38525	20.915	ng/ul	99
47) Dimethylphthalate	14.326	163	132663	20.248	ng/ul	99
48) 2,6-Dinitrotoluene	14.449	165	29507	21.360	ng/ul	95
50) Acenaphthylene	14.614	152	165663	20.960	ng/ul	96
51) 3-Nitroaniline	14.778	138	29837	23.877	ng/ul	88
52) Acenaphthene	14.954	153	106241	20.217	ng/ul	94
53) 2,4-Dinitrophenol	14.984	184	4052	4.975	ng/ul#	84
55) 4-Nitrophenol	15.083	109	22794	17.880	ng/ul	87
56) Dibenzofuran	15.289	168	157947	20.694	ng/ul	95
57) 2,4-Dinitrotoluene	15.236	165	43065	21.562	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.512	232	36348	20.689	ng/ul#	84
59) Diethylphthalate	15.689	149	135736	20.080	ng/ul	97
61) Fluorene	15.935	166	129785	20.406	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.924	204	72542	20.554	ng/ul	91
63) 4-Nitroaniline	15.941	138	31743	24.724	ng/ul	89
66) 4,6-Dinitro-2-methylph...	16.000	198	10015	7.857	ng/ul#	88
67) N-Nitrosodiphenylamine	16.129	169	118671	20.895	ng/ul	93
68) 4-Bromophenyl-phenylether	16.816	248	48817	19.729	ng/ul	92
69) Hexachlorobenzene	16.946	284	55389	20.184	ng/ul#	87
70) Atrazine	17.075	200	54019	20.502	ng/ul	97
71) Pentachlorophenol	17.286	266	21478	14.015	ng/ul	97
72) Phenanthrene	17.680	178	227809	20.570	ng/ul	98
74) Anthracene	17.774	178	226901	20.467	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.697	216	62960	19.834	ng/ul	97
76) Pentachlorobenzene	15.213	250	59111	19.133	ng/ul	96
77) Carbazole	18.038	167	212870	21.310	ng/ul	98
78) Di-n-butylphthalate	18.585	149	244067	20.669	ng/ul	98
80) Fluoranthene	19.683	202	307571	21.181	ng/ul#	91
82) Pyrene	20.047	202	302597	21.166	ng/ul#	90
83) Butylbenzylphthalate	20.917	149	106897	21.485	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.839	252	77666	15.410	ng/ul#	97
85) Benzo(a)anthracene	21.939	228	305608	21.284	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.821	149	152613	20.974	ng/ul#	97
87) Chrysene	22.009	228	290534	21.013	ng/ul	96
89) Di-n-octyl phthalate	23.126	149	258363	20.925	ng/ul	100
90) Benzo(b)fluoranthene	24.330	252	310738	20.978	ng/ul#	95
91) Benzo(k)fluoranthene	24.406	252	297542	21.725	ng/ul#	96
93) Benzo(a)pyrene	25.281	252	295935	21.110	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.458	276	331962	20.686	ng/ul#	92
95) Dibenzo(a,h)anthracene	29.535	278	285537	21.037	ng/ul#	93
96) Benzo(g,h,i)perylene	30.721	276	280248	20.770	ng/ul#	89

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

