

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012622\
 Data File : BG052207.D
 Acq On : 28 Jan 2022 5:16
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020510

Quant Time: Jan 29 00:47:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 26 23:58:52 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2022
 Supervised By :mohammad ahmed 01/31/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	31437	20.000	ng/u1	0.00
20) Naphthalene-d8	11.078	136	128834	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.879	164	91614	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.628	188	222203	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.952	240	227221	20.000	ng/u1	# 0.00
88) Perylene-d12	25.430	264	236095	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.565	96	7257	8.249	ng/uL	0.00
4) Pyridine-d5	3.988	84	54445	19.908	ng/u1	0.00
7) Phenol-d5	7.383	99	61612	20.024	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.548	67	38513	19.718	ng/u1	0.00
11) 2-Chlorophenol-d4	7.765	132	44512	21.850	ng/u1	0.00
15) 4-Methylphenol-d8	8.946	113	48222	20.161	ng/u1	0.00
21) Nitrobenzene-d5	9.410	128	23410	22.996	ng/u1	0.00
24) 2-Nitrophenol-d4	10.144	143	25681	22.809	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.691	165	51399	23.356	ng/u1	0.00
31) 4-Chloroaniline-d4	11.202	131	68734	22.427	ng/u1	0.00
46) Dimethylphthalate-d6	14.268	166	159343	21.042	ng/u1	0.00
49) Acenaphthylene-d8	14.574	160	203727	22.272	ng/u1	0.00
54) 4-Nitrophenol-d4	15.067	143	25253	19.946	ng/u1	0.00
60) Fluorene-d10	15.872	176	142197	21.537	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.984	200	27290	19.468	ng/u1	0.00
73) Anthracene-d10	17.728	188	237873	22.567	ng/u1	0.00
81) Pyrene-d10	20.008	212	291814	22.315	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.189	264	280748	22.588	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.600	88	8271	8.148	ng/uL#	91
5) Pyridine	4.012	79	57134	19.940	ng/u1	99
6) Benzaldehyde	7.354	77	35110	17.154	ng/u1	95
8) Phenol	7.407	94	62541	19.914	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.636	93	46860	20.384	ng/u1	97
12) 2-Chlorophenol	7.801	128	45167	21.795	ng/u1	90
13) 2-Methylphenol	8.676	108	46015	20.149	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.764	45	65409	18.654	ng/u1	94
16) Acetophenone	9.063	105	73468	19.462	ng/u1	90
17) N-Nitroso-di-n-propyla...	9.040	70	44728	19.395	ng/u1	97
18) 4-Methylphenol	9.005	108	50645	20.473	ng/u1	94
19) Hexachloroethane	9.340	117	18274	20.424	ng/u1#	79
22) Nitrobenzene	9.451	77	64402	20.396	ng/u1	94
23) Isophorone	9.980	82	118878	19.913	ng/u1	98
25) 2-Nitrophenol	10.180	139	26243	21.209	ng/u1	96
26) 2,4-Dimethylphenol	10.227	107	58022	21.611	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.456	93	62441	20.315	ng/u1	98
29) 2,4-Dichlorophenol	10.714	162	47088	21.787	ng/u1	97
30) Naphthalene	11.125	128	153860	22.039	ng/u1	99
32) 4-Chloroaniline	11.225	127	66656	21.341	ng/u1	100
33) Hexachlorobutadiene	11.413	225	38452	22.319	ng/u1	98
34) Caprolactam	11.971	113	16047m	19.077	ng/u1	
35) 4-Chloro-3-methylphenol	12.341	107	55034	22.054	ng/u1	99
36) 2-Methylnaphthalene	12.723	142	109203	21.960	ng/u1	97

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37) 1-Methylnaphthalene	12.941	142	111786	21.903	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.087	216	71867	22.684	ng/ul	98
40) Hexachlorocyclopentadiene	13.070	237	39366	18.109	ng/ul	98
41) 2,4,6-Trichlorophenol	13.322	196	44034	21.991	ng/ul	99
42) 2,4,5-Trichlorophenol	13.399	196	47567	22.036	ng/ul	99
43) 1,1'-Biphenyl	13.716	154	156287	22.098	ng/ul#	93
44) 2-Chloronaphthalene	13.763	162	118696	21.670	ng/ul	98
45) 2-Nitroaniline	13.957	65	41932	19.975	ng/ul	96
47) Dimethylphthalate	14.315	163	152720	20.453	ng/ul	99
48) 2,6-Dinitrotoluene	14.439	165	32840	20.859	ng/ul#	89
50) Acenaphthylene	14.609	152	196368	21.801	ng/ul	97
51) 3-Nitroaniline	14.773	138	24644	17.305	ng/ul	94
52) Acenaphthene	14.944	153	131074	21.886	ng/ul	99
53) 2,4-Dinitrophenol	14.979	184	18356	19.776	ng/ul	96
55) 4-Nitrophenol	15.079	109	26491	18.234	ng/ul	91
56) Dibenzofuran	15.279	168	188676	21.691	ng/ul	97
57) 2,4-Dinitrotoluene	15.226	165	48584	21.345	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.502	232	41697	20.826	ng/ul#	88
59) Diethylphthalate	15.678	149	156762	20.349	ng/ul	96
61) Fluorene	15.925	166	154454	21.309	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.913	204	85275	21.201	ng/ul	93
63) 4-Nitroaniline	15.931	138	17706	12.101	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.995	198	24952	18.619	ng/ul#	92
67) N-Nitrosodiphenylamine	16.119	169	134015	22.445	ng/ul	97
68) 4-Bromophenyl-phenylether	16.806	248	59323	22.805	ng/ul#	88
69) Hexachlorobenzene	16.941	284	65111	22.569	ng/ul#	90
70) Atrazine	17.064	200	58384	21.077	ng/ul	95
71) Pentachlorophenol	17.282	266	27805	17.258	ng/ul	93
72) Phenanthrene	17.675	178	256911	22.066	ng/ul	100
74) Anthracene	17.763	178	257129	22.062	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.693	216	75555	22.640	ng/uL	99
76) Pentachlorobenzene	15.202	250	77849	23.968	ng/uL	100
77) Carbazole	18.028	167	230010	21.902	ng/ul	98
78) Di-n-butylphthalate	18.574	149	270246	21.770	ng/ul	99
80) Fluoranthene	19.673	202	341766	22.615	ng/ul#	91
82) Pyrene	20.037	202	331733	22.296	ng/ul#	89
83) Butylbenzylphthalate	20.906	149	118777	22.939	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.829	252	104234	19.872	ng/ul#	98
85) Benzo(a)anthracene	21.928	228	336073	22.490	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.805	149	171732	22.678	ng/ul#	99
87) Chrysene	21.999	228	319785	22.224	ng/ul	96
89) Di-n-octyl phthalate	23.103	149	288391	22.113	ng/ul	100
90) Benzo(b)fluoranthene	24.313	252	357440	22.845	ng/ul#	96
91) Benzo(k)fluoranthene	24.390	252	327198	22.617	ng/ul#	94
93) Benzo(a)pyrene	25.265	252	329481	22.251	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	29.442	276	387830	22.880	ng/ul#	91
95) Dibenzo(a,h)anthracene	29.512	278	328050	22.881	ng/ul#	93
96) Benzo(g,h,i)perylene	30.705	276	324593	22.775	ng/ul#	89

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

