

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032322\
 Data File : BG052804.D
 Acq On : 23 Mar 2022 19:24
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020543

Quant Time: Mar 24 04:34:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 23 13:16:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/24/2022
 Supervised By :mohammad ahmed 03/25/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.145	152	33013	20.000	ng/u1	0.00
20) Naphthalene-d8	10.953	136	143191	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.766	164	110959	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.503	188	268798	20.000	ng/u1	0.00
79) Chrysene-d12	21.791	240	269543	20.000	ng/u1	# 0.00
88) Perylene-d12	25.110	264	279737	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.551	96	7152	7.652	ng/uL	0.00
4) Pyridine-d5	3.974	84	42176	18.076	ng/u1	0.00
7) Phenol-d5	7.288	99	58708	19.855	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.458	67	36716	20.331	ng/u1	0.00
11) 2-Chlorophenol-d4	7.669	132	40479	20.162	ng/u1	0.00
15) 4-Methylphenol-d8	8.832	113	45256	21.129	ng/u1	0.00
21) Nitrobenzene-d5	9.302	128	21152	20.521	ng/u1	0.00
24) 2-Nitrophenol-d4	10.025	143	24790	22.802	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.565	165	47087	19.909	ng/u1	0.00
31) 4-Chloroaniline-d4	11.077	131	60788	19.446	ng/u1	0.00
46) Dimethylphthalate-d6	14.161	166	171483	20.117	ng/u1	0.00
49) Acenaphthylene-d8	14.454	160	198811	19.193	ng/u1	0.00
54) 4-Nitrophenol-d4	14.930	143	29673	20.704	ng/u1	0.00
60) Fluorene-d10	15.753	176	145247	19.406	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.858	200	28106	20.547	ng/u1	0.00
73) Anthracene-d10	17.603	188	239283	19.117	ng/u1	0.00
81) Pyrene-d10	19.882	212	288274	19.118	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.881	264	271870	18.809	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.593	88	8793	7.679	ng/uL#	77
5) Pyridine	3.992	79	46940	18.619	ng/u1	92
6) Benzaldehyde	7.270	77	43065m	21.908	ng/u1	
8) Phenol	7.311	94	59045	20.719	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.552	93	43926	20.432	ng/u1	94
12) 2-Chlorophenol	7.705	128	41368	20.167	ng/u1	94
13) 2-Methylphenol	8.574	108	46280	20.896	ng/u1	89
14) 2,2'-oxybis(1-Chloropr...	8.668	45	72641	20.788	ng/u1	98
16) Acetophenone	8.962	105	71767	21.478	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.944	70	43151	22.152	ng/u1	97
18) 4-Methylphenol	8.897	108	47406	20.544	ng/u1	95
19) Hexachloroethane	9.238	117	18093	19.879	ng/u1	89
22) Nitrobenzene	9.338	77	61052	20.271	ng/u1	98
23) Isophorone	9.866	82	117719	20.449	ng/u1#	93
25) 2-Nitrophenol	10.060	139	25159	22.316	ng/u1	93
26) 2,4-Dimethylphenol	10.113	107	56801	20.333	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.348	93	62475	19.515	ng/u1	99
29) 2,4-Dichlorophenol	10.595	162	45513	19.792	ng/u1	96
30) Naphthalene	11.006	128	143173	19.321	ng/u1	99
32) 4-Chloroaniline	11.106	127	61260	19.944	ng/u1	97
33) Hexachlorobutadiene	11.300	225	36918	19.658	ng/u1	97
34) Caprolactam	11.858	113	15837m	22.867	ng/u1	
35) 4-Chloro-3-methylphenol	12.210	107	52574	21.076	ng/u1	90
36) 2-Methylnaphthalene	12.604	142	104025	19.892	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.821	142	105466	19.921	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.968	216	68960	18.803	ng/ul	98
40) Hexachlorocyclopentadiene	12.950	237	44773	17.634	ng/ul	98
41) 2,4,6-Trichlorophenol	13.197	196	45310	20.218	ng/ul	89
42) 2,4,5-Trichlorophenol	13.268	196	47201	19.503	ng/ul	95
43) 1,1'-Biphenyl	13.597	154	147845	18.646	ng/ul	97
44) 2-Chloronaphthalene	13.644	162	115303	18.160	ng/ul	99
45) 2-Nitroaniline	13.832	65	42011	22.573	ng/ul	98
47) Dimethylphthalate	14.208	163	158782	19.519	ng/ul#	97
48) 2,6-Dinitrotoluene	14.319	165	31732	21.533	ng/ul	93
50) Acenaphthylene	14.484	152	189247	18.917	ng/ul	99
51) 3-Nitroaniline	14.654	138	34156	22.963	ng/ul#	91
52) Acenaphthene	14.824	153	124871	19.107	ng/ul	97
53) 2,4-Dinitrophenol	14.854	184	20709	22.621	ng/ul#	62
55) 4-Nitrophenol	14.948	109	31310	20.758	ng/ul	97
56) Dibenzofuran	15.159	168	191936	19.810	ng/ul	99
57) 2,4-Dinitrotoluene	15.106	165	46406	22.195	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.382	232	46219	21.187	ng/ul#	98
59) Diethylphthalate	15.565	149	170266	20.667	ng/ul	99
61) Fluorene	15.805	166	154442	19.231	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.794	204	84600	19.796	ng/ul	97
63) 4-Nitroaniline	15.811	138	35651	24.373	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.870	198	29065	21.716	ng/ul#	94
67) N-Nitrosodiphenylamine	16.005	169	139618	19.211	ng/ul	97
68) 4-Bromophenyl-phenylether	16.687	248	59960	22.529	ng/ul	99
69) Hexachlorobenzene	16.816	284	66924	19.466	ng/ul#	90
70) Atrazine	16.951	200	60868	20.436	ng/ul	98
71) Pentachlorophenol	17.151	266	37861	18.110	ng/ul	94
72) Phenanthrene	17.550	178	272085	19.287	ng/ul	98
74) Anthracene	17.638	178	268322	19.024	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.567	216	73906	18.461	ng/ul	99
76) Pentachlorobenzene	15.083	250	73118	19.037	ng/ul	94
77) Carbazole	17.903	167	246449	19.772	ng/ul	97
78) Di-n-butylphthalate	18.461	149	295807	19.957	ng/ul	100
80) Fluoranthene	19.553	202	346998	19.528	ng/ul	99
82) Pyrene	19.917	202	340209	19.262	ng/ul#	96
83) Butylbenzylphthalate	20.793	149	120650	19.648	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.680	252	120550	19.954	ng/ul	95
85) Benzo(a)anthracene	21.774	228	326524	18.769	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.680	149	170355	20.030	ng/ul	100
87) Chrysene	21.838	228	309834	18.672	ng/ul	99
89) Di-n-octyl phthalate	22.919	149	291699	20.020	ng/ul	100
90) Benzo(b)fluoranthene	24.053	252	346623	19.189	ng/ul	97
91) Benzo(k)fluoranthene	24.124	252	306933	18.411	ng/ul	98
93) Benzo(a)pyrene	24.952	252	315994	18.529	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.888	276	360474	18.690	ng/ul	97
95) Dibenzo(a,h)anthracene	28.958	278	312061	19.037	ng/ul	98
96) Benzo(g,h,i)perylene	30.080	276	305216	18.721	ng/ul	97

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

