

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032822\
 Data File : BG052928.D
 Acq On : 29 Mar 2022 15:48
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020552

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/30/2022
 Supervised By :Yogesh Patel 04/02/2022

Quant Time: Mar 30 01:09:46 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	28010	20.000	ng/u1	0.00
20) Naphthalene-d8	10.948	136	126023	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.755	164	99329	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	240234	20.000	ng/u1	0.00
79) Chrysene-d12	21.786	240	251115	20.000	ng/u1	0.00
88) Perylene-d12	25.094	264	260969	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.552	96	5544	6.991	ng/uL	0.00
4) Pyridine-d5	3.963	84	37462	18.923	ng/u1	-0.01
7) Phenol-d5	7.277	99	54274	21.634	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.447	67	32637	21.301	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.664	132	34495	20.250	ng/u1	-0.01
15) 4-Methylphenol-d8	8.827	113	41845	23.026	ng/u1	0.00
21) Nitrobenzene-d5	9.297	128	19668	21.681	ng/u1	0.00
24) 2-Nitrophenol-d4	10.020	143	22264	23.269	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.560	165	45340	21.782	ng/u1	0.00
31) 4-Chloroaniline-d4	11.071	131	56328	20.474	ng/u1	0.00
46) Dimethylphthalate-d6	14.150	166	156485	20.507	ng/u1	-0.01
49) Acenaphthylene-d8	14.449	160	186533	20.116	ng/u1	0.00
54) 4-Nitrophenol-d4	14.925	143	26344m	20.533	ng/u1	0.00
60) Fluorene-d10	15.742	176	138283	20.638	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.847	200	26073	21.327	ng/u1	-0.01
73) Anthracene-d10	17.598	188	226258m	20.226	ng/u1	0.00
81) Pyrene-d10	19.877	212	274521	19.542	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.865	264	274123	20.329	ng/u1	-0.01
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.582	88	5725m	5.893	ng/uL	
5) Pyridine	3.987	79	41576	19.436	ng/u1	96
6) Benzaldehyde	7.265	77	39113	23.452	ng/u1	98
8) Phenol	7.306	94	53063	21.946	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.541	93	36344	19.925	ng/u1	93
12) 2-Chlorophenol	7.694	128	34649	19.908	ng/u1	89
13) 2-Methylphenol	8.563	108	40876	21.752	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.657	45	62270	21.003	ng/u1	98
16) Acetophenone	8.951	105	65841	23.224	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.933	70	38309	23.179	ng/u1	96
18) 4-Methylphenol	8.892	108	45904	23.446	ng/u1	92
19) Hexachloroethane	9.227	117	15134	19.598	ng/u1	87
22) Nitrobenzene	9.338	77	57708	21.771	ng/u1	97
23) Isophorone	9.855	82	106240	20.969	ng/u1	98
25) 2-Nitrophenol	10.049	139	22869	23.048	ng/u1#	82
26) 2,4-Dimethylphenol	10.102	107	51858	21.093	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.337	93	55928	19.850	ng/u1	98
29) 2,4-Dichlorophenol	10.584	162	43168	21.330	ng/u1	92
30) Naphthalene	10.995	128	131214	20.120	ng/u1	99
32) 4-Chloroaniline	11.095	127	58106	21.494	ng/u1	95
33) Hexachlorobutadiene	11.289	225	33606	20.332	ng/u1	91
34) Caprolactam	11.835	113	14640m	24.018	ng/u1	
35) 4-Chloro-3-methylphenol	12.205	107	52107	23.735	ng/u1	91
36) 2-Methylnaphthalene	12.593	142	99684	21.659	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.810	142	99654	21.388	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.963	216	65054	19.815	ng/ul	95
40) Hexachlorocyclopentadiene	12.945	237	39272	17.278	ng/ul	98
41) 2,4,6-Trichlorophenol	13.192	196	41610	20.741	ng/ul	99
42) 2,4,5-Trichlorophenol	13.263	196	47449	21.901	ng/ul	95
43) 1,1'-Biphenyl	13.592	154	138570	19.522	ng/ul	99
44) 2-Chloronaphthalene	13.633	162	110501	19.442	ng/ul	96
45) 2-Nitroaniline	13.827	65	39391	23.643	ng/ul	96
47) Dimethylphthalate	14.197	163	145713	20.010	ng/ul	99
48) 2,6-Dinitrotoluene	14.314	165	29358	22.255	ng/ul	89
50) Acenaphthylene	14.479	152	184037	20.550	ng/ul	99
51) 3-Nitroaniline	14.643	138	31460	23.627	ng/ul	96
52) Acenaphthene	14.819	153	119491	20.424	ng/ul	96
53) 2,4-Dinitrophenol	14.849	184	15181	18.524	ng/ul#	62
55) 4-Nitrophenol	14.937	109	28377	21.016	ng/ul	96
56) Dibenzofuran	15.148	168	181249	20.897	ng/ul	99
57) 2,4-Dinitrotoluene	15.101	165	43748	23.373	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.377	232	42742	21.887	ng/ul#	96
59) Diethylphthalate	15.559	149	153995	20.880	ng/ul	97
61) Fluorene	15.800	166	147224	20.478	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.789	204	80353	21.004	ng/ul	98
63) 4-Nitroaniline	15.806	138	32613	24.907	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.865	198	25960	21.702	ng/ul#	93
67) N-Nitrosodiphenylamine	16.000	169	129298	19.906	ng/ul	96
68) 4-Bromophenyl-phenylether	16.681	248	56681	23.829	ng/ul	99
69) Hexachlorobenzene	16.811	284	63861	20.784	ng/ul#	93
70) Atrazine	16.940	200	54571	20.500	ng/ul	98
71) Pentachlorophenol	17.146	266	32547m	17.419	ng/ul	
72) Phenanthrene	17.539	178	260346	20.649	ng/ul	98
74) Anthracene	17.633	178	254905	20.222	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.562	216	69750	19.494	ng/ul	99
76) Pentachlorobenzene	15.078	250	71267	20.761	ng/ul	97
77) Carbazole	17.897	167	229430	20.595	ng/ul	98
78) Di-n-butylphthalate	18.450	149	261799	19.762	ng/ul	99
80) Fluoranthene	19.548	202	334655	20.215	ng/ul	98
82) Pyrene	19.907	202	325864	19.804	ng/ul	96
83) Butylbenzylphthalate	20.782	149	113323	19.809	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.675	252	116832	20.758	ng/ul	98
85) Benzo(a)anthracene	21.763	228	321688	19.848	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.663	149	160895	20.305	ng/ul#	97
87) Chrysene	21.833	228	308741	19.972	ng/ul	99
89) Di-n-octyl phthalate	22.902	149	273426	20.116	ng/ul	100
90) Benzo(b)fluoranthene	24.036	252	340900m	20.230	ng/ul	
91) Benzo(k)fluoranthene	24.107	252	318540	20.482	ng/ul	99
93) Benzo(a)pyrene	24.935	252	319556	20.086	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.871	276	367590m	20.430	ng/ul	
95) Dibenzo(a,h)anthracene	28.935	278	306153	20.019	ng/ul	98
96) Benzo(g,h,i)perylene	30.052	276	306403m	20.145	ng/ul	

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

