

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032522\
 Data File : BG052882.D
 Acq On : 27 Mar 2022 3:06
 Operator : CG/JU
 Sample : SSTDCC020EC
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020548

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/28/2022
 Supervised By :mohammad ahmed 03/29/2022

Quant Time: Mar 28 01:05:47 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	34317	20.000	ng/u1	0.00
20) Naphthalene-d8	10.954	136	150268	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.760	164	122528	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.504	188	294247	20.000	ng/u1	0.00
79) Chrysene-d12	21.792	240	300689	20.000	ng/u1	0.00
88) Perylene-d12	25.105	264	314759	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.552	96	6401	6.589	ng/uL	0.00
4) Pyridine-d5	3.969	84	42881	17.680	ng/u1	0.00
7) Phenol-d5	7.288	99	63265	20.583	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.453	67	37511	19.982	ng/u1	0.00
11) 2-Chlorophenol-d4	7.670	132	41014	19.652	ng/u1	0.00
15) 4-Methylphenol-d8	8.833	113	49726	22.334	ng/u1	0.00
21) Nitrobenzene-d5	9.297	128	22838	21.113	ng/u1	0.00
24) 2-Nitrophenol-d4	10.026	143	27433	24.045	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.566	165	53613	21.600	ng/u1	0.00
31) 4-Chloroaniline-d4	11.077	131	68067	20.749	ng/u1	0.00
46) Dimethylphthalate-d6	14.155	166	185086	19.663	ng/u1	0.00
49) Acenaphthylene-d8	14.455	160	217690	19.032	ng/u1	0.00
54) 4-Nitrophenol-d4	14.931	143	31899	20.155	ng/u1	0.00
60) Fluorene-d10	15.747	176	160337	19.399	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.853	200	32474	21.687	ng/u1	0.00
73) Anthracene-d10	17.604	188	264512	19.305	ng/u1	0.00
81) Pyrene-d10	19.883	212	323052	19.205	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.876	264	315766	19.415	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.587	88	7106	5.970	ng/uL	94
5) Pyridine	3.987	79	47511	18.129	ng/u1#	85
6) Benzaldehyde	7.270	77	45381m	22.209	ng/u1	
8) Phenol	7.312	94	64379	21.733	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.547	93	44084	19.727	ng/u1	99
12) 2-Chlorophenol	7.699	128	42081	19.735	ng/u1	92
13) 2-Methylphenol	8.569	108	46706	20.287	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.663	45	75850	20.881	ng/u1	96
16) Acetophenone	8.956	105	77192	22.223	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.939	70	45808	22.622	ng/u1	96
18) 4-Methylphenol	8.898	108	52629	21.941	ng/u1	92
19) Hexachloroethane	9.232	117	18521	19.576	ng/u1	91
22) Nitrobenzene	9.344	77	67497	21.356	ng/u1	98
23) Isophorone	9.861	82	127131	21.044	ng/u1	98
25) 2-Nitrophenol	10.061	139	26918	22.752	ng/u1#	94
26) 2,4-Dimethylphenol	10.108	107	61916	21.120	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.343	93	68295	20.328	ng/u1	98
29) 2,4-Dichlorophenol	10.589	162	51409	21.303	ng/u1	95
30) Naphthalene	11.001	128	152711	19.638	ng/u1	98
32) 4-Chloroaniline	11.101	127	67021	20.792	ng/u1	98
33) Hexachlorobutadiene	11.294	225	38429	19.499	ng/u1	95
34) Caprolactam	11.847	113	17533m	24.123	ng/u1	
35) 4-Chloro-3-methylphenol	12.211	107	61368	23.443	ng/u1	88
36) 2-Methylnaphthalene	12.599	142	112515	20.502	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	116289	20.931	ng/ul#	92
39) 1,2,4,5-Tetrachloroben...	12.963	216	75925	18.747	ng/ul	96
40) Hexachlorocyclopentadiene	12.951	237	48876	17.432	ng/ul	94
41) 2,4,6-Trichlorophenol	13.192	196	49423	19.971	ng/ul	99
42) 2,4,5-Trichlorophenol	13.262	196	54738	20.482	ng/ul	96
43) 1,1'-Biphenyl	13.597	154	162460	18.555	ng/ul	99
44) 2-Chloronaphthalene	13.638	162	129145	18.420	ng/ul	96
45) 2-Nitroaniline	13.832	65	47431	23.079	ng/ul	97
47) Dimethylphthalate	14.202	163	173862	19.355	ng/ul	97
48) 2,6-Dinitrotoluene	14.320	165	35843	22.027	ng/ul	94
50) Acenaphthylene	14.484	152	212493	19.235	ng/ul	98
51) 3-Nitroaniline	14.649	138	38368	23.359	ng/ul	95
52) Acenaphthene	14.825	153	137775	19.091	ng/ul	96
53) 2,4-Dinitrophenol	14.854	184	22903	22.656	ng/ul#	65
55) 4-Nitrophenol	14.942	109	36375	21.839	ng/ul	94
56) Dibenzofuran	15.154	168	211431	19.762	ng/ul	98
57) 2,4-Dinitrotoluene	15.107	165	53228	23.054	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.377	232	52148	21.647	ng/ul#	95
59) Diethylphthalate	15.565	149	183658	20.187	ng/ul	99
61) Fluorene	15.806	166	172435	19.444	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.794	204	92360	19.572	ng/ul	96
63) 4-Nitroaniline	15.806	138	38972m	24.128	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.871	198	31424	21.448	ng/ul#	95
67) N-Nitrosodiphenylamine	16.000	169	154269	19.391	ng/ul	97
68) 4-Bromophenyl-phenylether	16.687	248	64416	22.110	ng/ul	97
69) Hexachlorobenzene	16.810	284	75235	19.991	ng/ul#	93
70) Atrazine	16.946	200	66969	20.540	ng/ul	99
71) Pentachlorophenol	17.151	266	43228	18.889	ng/ul	91
72) Phenanthrene	17.545	178	298144	19.306	ng/ul	99
74) Anthracene	17.639	178	299519	19.400	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.568	216	83551	19.065	ng/ul	97
76) Pentachlorobenzene	15.078	250	82122	19.532	ng/ul	97
77) Carbazole	17.897	167	270536	19.827	ng/ul	96
78) Di-n-butylphthalate	18.455	149	311358	19.189	ng/ul	99
80) Fluoranthene	19.548	202	389259	19.637	ng/ul	100
82) Pyrene	19.912	202	384358	19.508	ng/ul	97
83) Butylbenzylphthalate	20.793	149	137279	20.040	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.680	252	140743	20.884	ng/ul	98
85) Benzo(a)anthracene	21.768	228	374450	19.295	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.669	149	192338	20.272	ng/ul	99
87) Chrysene	21.839	228	355617	19.211	ng/ul	100
89) Di-n-octyl phthalate	22.914	149	322272	19.657	ng/ul	100
90) Benzo(b)fluoranthene	24.048	252	391539	19.264	ng/ul	99
91) Benzo(k)fluoranthene	24.118	252	358150	19.093	ng/ul	97
93) Benzo(a)pyrene	24.952	252	369629	19.263	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.888	276	427320m	19.691	ng/ul	
95) Dibenzo(a,h)anthracene	28.953	278	359175	19.473	ng/ul	97
96) Benzo(g,h,i)perylene	30.069	276	349234	19.037	ng/ul	98

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

