

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081718\
 Data File : BG036313.D
 Acq On : 17 Aug 2018 9:09
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02010

Manual Integrations
 APPROVED

Sohil
 8/17/2018 6:44:06 PM

Quant Time: Aug 17 13:31:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081618MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 16 14:12:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	36418	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	131770	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	94140	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	269507m	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	312524	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	304907m	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	8784	8.98	ng/uL	0.00
5) Phenol-d5	7.22	99	72062	19.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	49444	19.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	37474	18.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	48955	17.96	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	16460	20.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	14192	18.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	44149	18.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	45244	19.78	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	170498	21.29	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	203738	21.09	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	19305	19.50	ng/ul	0.00
58) Fluorene-d10	15.69	176	156154	21.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	15845	17.83	ng/ul	0.00
71) Anthracene-d10	17.54	188	271115m	21.73	ng/ul	0.00
79) Pyrene-d10	19.82	212	329899	20.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	346609	21.15	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.55	88	8676	7.211	ng/uL#	86
4) Benzaldehyde	7.21	77	62574	20.634	ng/ul#	83
6) Phenol	7.25	94	72539	19.164	ng/ul#	79
8) Bis(2-Chloroethyl)ether	7.50	93	55413	19.926	ng/ul	98
10) 2-Chlorophenol	7.63	128	37554	18.075	ng/ul#	84
11) 2-Methylphenol	8.51	108	51069	18.582	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.61	45	69480	20.135	ng/ul#	92
14) Acetophenone	8.90	105	89150	19.610	ng/ul#	78
15) N-Nitroso-di-n-propylamine	8.88	70	57782	19.356	ng/ul#	94
16) 4-Methylphenol	8.83	108	51764	18.280	ng/ul	97
17) Hexachloroethane	9.16	117	20377	19.938	ng/ul	91
20) Nitrobenzene	9.28	77	60402	19.930	ng/ul#	89
21) Isophorone	9.80	82	151723	20.625	ng/ul#	90
23) 2-Nitrophenol	9.99	139	15613	18.617	ng/ul	97
24) 2,4-Dimethylphenol	10.05	107	66985	20.061	ng/ul#	84
25) Bis(2-Chloroethoxy)methane	10.29	93	73985	21.153	ng/ul#	93
27) 2,4-Dichlorophenol	10.52	162	41415	20.058	ng/ul#	84
28) Naphthalene	10.93	128	142370	21.423	ng/ul	96
30) 4-Chloroaniline	11.04	127	44030	19.315	ng/ul	100
31) Hexachlorobutadiene	11.23	225	42477	21.033	ng/ul	95
32) Caprolactam	11.78	113	15687m	17.345	ng/ul	
33) 4-Chloro-3-methylphenol	12.15	107	58849	20.457	ng/ul#	89
34) 2-Methylnaphthalene	12.54	142	108573	21.375	ng/ul	95

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35) 1-Methylnaphthalene	12.75	142	102437	20.788	ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	80611	21.157	ng/ul#	98
38) Hexachlorocyclopentadiene	12.88	237	36493	17.777	ng/ul	96
39) 2,4,6-Trichlorophenol	13.13	196	36934	18.489	ng/ul	98
40) 2,4,5-Trichlorophenol	13.19	196	42054	18.888	ng/ul	91
41) 1,1'-Biphenyl	13.54	154	150510	21.521	ng/ul#	98
42) 2-Chloronaphthalene	13.58	162	118442	21.548	ng/ul	95
43) 2-Nitroaniline	13.77	65	30720	18.725	ng/ul#	81
45) Dimethylphthalate	14.15	163	167087	21.230	ng/ul	98
46) 2,6-Dinitrotoluene	14.27	165	21113	19.797	ng/ul#	87
48) Acenaphthylene	14.42	152	185944	22.128	ng/ul	98
49) 3-Nitroaniline	14.59	138	19693	19.362	ng/ul#	85
50) Acenaphthene	14.76	153	126739	21.029	ng/ul	96
51) 2,4-Dinitrophenol	14.79	184	10873	18.504	ng/ul#	88
53) 4-Nitrophenol	14.89	109	27940	19.226	ng/ul#	76
54) Dibenzofuran	15.10	168	185180	21.465	ng/ul	89
55) 2,4-Dinitrotoluene	15.05	165	28927	19.973	ng/ul#	69
56) 2,3,4,6-Tetrachlorophenol	15.32	232	33690	18.859	ng/ul#	90
57) Diethylphthalate	15.52	149	166789	21.454	ng/ul	98
59) Fluorene	15.75	166	156458	20.925	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.74	204	98644	21.791	ng/ul	94
61) 4-Nitroaniline	15.75	138	27974	20.052	ng/ul#	55
64) 4,6-Dinitro-2-methylphenol	15.81	198	14804m	15.458	ng/ul	
65) N-Nitrosodiphenylamine	15.95	169	149295	21.131	ng/ul	99
66) 4-Bromophenyl-phenylether	16.64	248	64015	20.505	ng/ul	95
67) Hexachlorobenzene	16.75	284	67693	20.558	ng/ul#	92
68) Atrazine	16.90	200	64379	20.805	ng/ul	94
69) Pentachlorophenol	17.09	266	27965m	17.066	ng/ul	
70) Phenanthrene	17.49	178	295899m	21.976	ng/ul	
72) Anthracene	17.58	178	294125	21.793	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	90396	21.134	ng/uL	94
74) Pentachlorobenzene	15.02	250	75153	20.012	ng/uL	96
75) Carbazole	17.84	167	247844m	22.505	ng/ul	
76) Di-n-butylphthalate	18.42	149	268488m	21.101	ng/ul	
77) Fluoranthene	19.49	202	411787m	23.531	ng/ul	
80) Pyrene	19.85	202	409462	20.911	ng/ul#	95
81) Butylbenzylphthalate	20.75	149	114645	19.597	ng/ul#	76
82) 3,3'-Dichlorobenzidine	21.61	252	121663	18.530	ng/ul#	97
83) Benzo(a)anthracene	21.70	228	406566	20.416	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	156301	19.172	ng/ul	98
85) Chrysene	21.76	228	369117	19.898	ng/ul	99
87) Di-n-octyl phthalate	22.87	149	244376m	17.433	ng/ul	
88) Benzo(b)fluoranthene	23.92	252	398327m	20.636	ng/ul	
89) Benzo(k)fluoranthene	23.99	252	391061m	21.254	ng/ul	
91) Benzo(a)pyrene	24.79	252	381560m	21.107	ng/ul	
92) Indeno(1,2,3-cd)pyrene	28.62	276	430325m	20.780	ng/ul	
93) Dibenzo(a,h)anthracene	28.69	278	344059	20.152	ng/ul#	95
94) Benzo(g,h,i)perylene	29.76	276	358816m	20.936	ng/ul	

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

