

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082118\
 Data File : BG036330.D
 Acq On : 21 Aug 2018 19:23
 Operator : JU/SJ
 Sample : SSTD00518
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD00518

Manual Integrations
 APPROVED

Sohil
 8/22/2018 6:07:16 PM

Quant Time: Aug 21 20:07:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG082118MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 21 19:58:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	46375	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	199906	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	128224	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	319694	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	356500	20.00	ng/ul	0.00
86) Perylene-d12	24.93	264	363127	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	2716	2.09	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.60	132	15128	4.79	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.23	128	6614	5.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	6118	5.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	16609	5.07	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.10	166	56518	5.29	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	68713	5.31	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.69	176	49951	5.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.54	188	81451m	5.45	ng/ul	0.00
79) Pyrene-d10	19.82	212	94712	5.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.71	264	99621	5.07	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.55	88	2643	2.012	ng/uL# 48
10) 2-Chlorophenol	7.63	128	16178	5.224	ng/ul# 93
15) N-Nitroso-di-n-propylamine	8.87	70	16145	5.342	ng/ul# 81
17) Hexachloroethane	9.16	117	6145	4.868	ng/ul 86
20) Nitrobenzene	9.28	77	18002	5.475	ng/ul 97
21) Isophorone	9.80	82	43823	5.186	ng/ul 98
23) 2-Nitrophenol	9.99	139	6111	4.993	ng/ul# 90
24) 2,4-Dimethylphenol	10.04	107	20442	5.080	ng/ul 93
25) Bis(2-Chloroethoxy)methane	10.28	93	23345	5.092	ng/ul 96
27) 2,4-Dichlorophenol	10.52	162	15597	5.052	ng/ul 92
28) Naphthalene	10.93	128	54045	5.250	ng/ul 97
31) Hexachlorobutadiene	11.22	225	11263	4.956	ng/ul 95
33) 4-Chloro-3-methylphenol	12.14	107	18327	4.981	ng/ul 99
34) 2-Methylnaphthalene	12.53	142	40928	5.349	ng/ul 98
35) 1-Methylnaphthalene	12.75	142	39441	5.256	ng/ul 96
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	22249	5.037	ng/ul 98
39) 2,4,6-Trichlorophenol	13.12	196	13556	5.114	ng/ul 95
40) 2,4,5-Trichlorophenol	13.20	196	14100	5.100	ng/ul 97
41) 1,1'-Biphenyl	13.54	154	53415	5.355	ng/ul 98
42) 2-Chloronaphthalene	13.58	162	40805	5.339	ng/ul 98
43) 2-Nitroaniline	13.77	65	10168	5.465	ng/ul# 85
45) Dimethylphthalate	14.15	163	54292	5.271	ng/ul 97
46) 2,6-Dinitrotoluene	14.26	165	6930	5.116	ng/ul# 89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Acenaphthylene	14.42	152	65061	5.369	ng/ul	99
50) Acenaphthene	14.76	153	46091	5.336	ng/ul	95
54) Dibenzofuran	15.09	168	64858	5.387	ng/ul	99
55) 2,4-Dinitrotoluene	15.05	165	9350	5.012	ng/ul#	83
56) 2,3,4,6-Tetrachlorophenol	15.32	232	13193	5.157	ng/ul#	96
57) Diethylphthalate	15.52	149	54905	5.220	ng/ul	97
59) Fluorene	15.75	166	52544	5.411	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.74	204	27513	5.098	ng/ul#	87
65) N-Nitrosodiphenylamine	15.95	169	47551	5.328	ng/ul	94
66) 4-Bromophenyl-phenylether	16.63	248	18803	5.391	ng/ul	95
67) Hexachlorobenzene	16.74	284	18615	5.265	ng/ul#	87
70) Phenanthrene	17.48	178	88100	5.327	ng/ul	97
72) Anthracene	17.57	178	93222	5.622	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	24787	5.106	ng/uL	94
74) Pentachlorobenzene	15.02	250	22124	5.191	ng/uL	97
76) Di-n-butylphthalate	18.41	149	100175	5.474	ng/ul	98
80) Pyrene	19.85	202	115756	5.380	ng/ul#	93
81) Butylbenzylphthalate	20.75	149	44302	5.128	ng/ul	92
83) Benzo(a)anthracene	21.69	228	120472	5.379	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	65115	5.207	ng/ul	98
85) Chrysene	21.76	228	108870	5.272	ng/ul	99
88) Benzo(b)fluoranthene	23.91	252	111614	5.214	ng/ul#	98
89) Benzo(k)fluoranthene	23.98	252	107319	5.218	ng/ul#	97
91) Benzo(a)pyrene	24.78	252	105844	5.235	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	28.59	276	121708m	5.028	ng/ul	
93) Dibenzo(a,h)anthracene	28.68	278	100925	5.166	ng/ul	94
94) Benzo(g,h,i)perylene	29.74	276	99828m	4.993	ng/ul	

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

