

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071416\
 Data File : BM006417.D
 Acq On : 14 Jul 2016 18:40
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02061

Quant Time: Jul 14 19:30:10 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM071416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 14 18:53:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	81879	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	333914	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	204057	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	492290	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	638743	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	713767	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	15566	8.00	ng/uL	0.00
5) Phenol-d5	6.80	99	136802	20.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	85719	21.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	108467	19.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	108551	20.36	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	51441	20.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	59356	20.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	110410	20.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	144292	25.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	339620	20.34	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	419369	20.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	60006	20.68	ng/ul	0.00
57) Fluorene-d10	15.27	176	301262	20.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	56746	19.93	ng/ul	0.00
70) Anthracene-d10	17.12	188	482132	20.72	ng/ul	0.00
76) Pyrene-d10	19.42	212	584523	20.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.29	264	690463	21.15	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.17	88	17134	8.22	ng/uL#	1
4) Benzaldehyde	6.77	77	92777	22.89	ng/ul	96
6) Phenol	6.83	94	145566	20.58	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.05	93	108219	20.76	ng/ul	96
10) 2-Chlorophenol	7.19	128	113807	20.38	ng/ul	99
11) 2-Methylphenol	8.07	108	109044	20.70	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.16	45	177594	20.96	ng/ul	98
14) Acetophenone	8.44	105	173789	20.70	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.42	70	89915	20.29	ng/ul	95
16) 4-Methylphenol	8.39	108	116963	20.54	ng/ul	99
17) Hexachloroethane	8.69	117	48294	20.33	ng/ul	86
20) Nitrobenzene	8.82	77	141893	21.05	ng/ul	98
21) Isophorone	9.33	82	248682	20.67	ng/ul	99
23) 2-Nitrophenol	9.52	139	65623	20.86	ng/ul	92
24) 2,4-Dimethylphenol	9.59	107	139305	20.47	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.82	93	148154	20.59	ng/ul	99
27) 2,4-Dichlorophenol	10.05	162	111508	20.47	ng/ul	99
28) Naphthalene	10.45	128	350781	20.70	ng/ul	99
30) 4-Chloroaniline	10.57	127	150916	25.65	ng/ul	99
31) Hexachlorobutadiene	10.73	225	77322	20.79	ng/ul	97
32) Caprolactam	11.32	113	35444	20.48	ng/ul	98
33) 4-Chloro-3-methylphenol	11.70	107	126214	20.68	ng/ul	94
34) 2-Methylnaphthalene	12.07	142	262269	20.53	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	143394	20.03	ng/ul	99
37) Hexachlorocyclopentadiene	12.42	237	72764	19.30	ng/ul	95
38) 2,4,6-Trichlorophenol	12.69	196	92517	19.91	ng/ul	100
39) 2,4,5-Trichlorophenol	12.77	196	96876	20.23	ng/ul	99
40) 1,1'-Biphenyl	13.10	154	340408	20.23	ng/ul	99
41) 2-Chloronaphthalene	13.14	162	267224	20.30	ng/ul	100
42) 2-Nitroaniline	13.35	65	92487	20.54	ng/ul	95
44) Dimethylphthalate	13.73	163	352944	20.83	ng/ul	100
45) 2,6-Dinitrotoluene	13.86	165	69084	20.52	ng/ul	100
47) Acenaphthylene	13.99	152	440598	20.49	ng/ul	99
48) 3-Nitroaniline	14.19	138	75299	23.74	ng/ul	98
49) Acenaphthene	14.34	153	278470	20.13	ng/ul	98
50) 2,4-Dinitrophenol	14.40	184	32822	17.16	ng/ul	96
52) 4-Nitrophenol	14.50	109	67074	20.43	ng/ul	84
53) Dibenzofuran	14.67	168	414117	20.56	ng/ul	97
54) 2,4-Dinitrotoluene	14.65	165	105021	20.87	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.91	232	88260	20.35	ng/ul#	94
56) Diethylphthalate	15.10	149	363330	20.32	ng/ul	99
58) Fluorene	15.33	166	329198	20.43	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.32	204	166965	20.38	ng/ul	97
60) 4-Nitroaniline	15.35	138	83229	22.13	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.42	198	62883	20.74	ng/ul	100
64) N-Nitrosodiphenylamine	15.54	169	298329	20.63	ng/ul	99
65) 4-Bromophenyl-phenylether	16.22	248	112604	20.53	ng/ul	94
66) Hexachlorobenzene	16.33	284	127054	20.77	ng/ul	98
67) Atrazine	16.50	200	117014	21.89	ng/ul	99
68) Pentachlorophenol	16.68	266	57115	19.42	ng/ul	97
69) Phenanthrene	17.06	178	556103	20.54	ng/ul	99
71) Anthracene	17.16	178	581414	20.88	ng/ul	99
72) Carbazole	17.43	167	531497	22.58	ng/ul	99
73) Di-n-butylphthalate	18.00	149	662282	20.57	ng/ul	100
74) Fluoranthene	19.09	202	723729	23.01	ng/ul	96
77) Pyrene	19.45	202	770510	20.20	ng/ul	96
78) Butylbenzylphthalate	20.36	149	348537	20.79	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.14	252	291879	23.46	ng/ul	98
80) Benzo(a)anthracene	21.20	228	807617	20.72	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.14	149	465752	20.00	ng/ul	99
82) Chrysene	21.26	228	756465	20.61	ng/ul	99
84) Di-n-octyl phthalate	22.01	149	941803	22.64	ng/ul	98
85) Benzo(b)fluoranthene	22.76	252	897640	21.04	ng/ul	100
86) Benzo(k)fluoranthene	22.81	252	835173	20.81	ng/ul	99
88) Benzo(a)pyrene	23.33	252	871239	21.32	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.62	276	1000487	21.04	ng/ul	98
90) Dibenzo(a,h)anthracene	25.63	278	841585	21.30	ng/ul	98
91) Benzo(g,h,i)perylene	26.30	276	882041	20.99	ng/ul	99

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

