

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110916\
 Data File : BM007790.D
 Acq On : 09 Nov 2016 09:45
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02050

Quant Time: Nov 09 16:36:59 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM102016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 08 03:28:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	149054	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	576162	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	384078	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	773506	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1026054	20.00	ng/ul	0.00
83) Perylene-d12	23.57	264	1048401	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	29775	8.56	ng/uL	0.00
5) Phenol-d5	6.92	99	239992	20.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	147348	21.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	192967	21.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	187693	20.85	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	90318	21.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	97297	22.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	193436	22.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	229851	23.32	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	564054	21.57	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	677410	21.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	84512	20.44	ng/ul	0.00
57) Fluorene-d10	15.37	176	494465	21.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	89193	19.41	ng/ul	0.00
70) Anthracene-d10	17.22	188	766781	22.00	ng/ul	0.00
76) Pyrene-d10	19.52	212	899053	21.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.42	264	999177	21.83	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.32	88	30477	8.01	ng/ul	98
4) Benzaldehyde	6.90	77	179159	24.62	ng/ul	96
6) Phenol	6.95	94	249528	21.13	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.17	93	193998	21.33	ng/ul	95
10) 2-Chlorophenol	7.31	128	196907	21.75	ng/ul	97
11) 2-Methylphenol	8.19	108	183227	21.32	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.27	45	222086	22.02	ng/ul	99
14) Acetophenone	8.56	105	303167	21.47	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.55	70	155181	22.15	ng/ul	93
16) 4-Methylphenol	8.51	108	195786	21.14	ng/ul	96
17) Hexachloroethane	8.81	117	87199	21.80	ng/ul	97
20) Nitrobenzene	8.94	77	233817	21.92	ng/ul	97
21) Isophorone	9.46	82	408249	22.38	ng/ul	98
23) 2-Nitrophenol	9.65	139	100976	21.99	ng/ul	98
24) 2,4-Dimethylphenol	9.70	107	231591	22.10	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.94	93	245334	21.99	ng/ul	98
27) 2,4-Dichlorophenol	10.17	162	190008	22.32	ng/ul	99
28) Naphthalene	10.57	128	605780	21.61	ng/ul	99
30) 4-Chloroaniline	10.69	127	232365	23.22	ng/ul	97
31) Hexachlorobutadiene	10.85	225	151004	21.78	ng/ul	95
32) Caprolactam	11.47	113	50170	21.26	ng/ul	95
33) 4-Chloro-3-methylphenol	11.82	107	204172	22.88	ng/ul	88
34) 2-Methylnaphthalene	12.19	142	434562	21.80	ng/ul	98

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36) 1,2,4,5-Tetrachlorobenzene	12.56	216	259819	20.96	ng/ul	98
37) Hexachlorocyclopentadiene	12.53	237	116546	15.96	ng/ul	99
38) 2,4,6-Trichlorophenol	12.80	196	152146	22.06	ng/ul	99
39) 2,4,5-Trichlorophenol	12.88	196	163332	21.63	ng/ul	98
40) 1,1'-Biphenyl	13.20	154	573877	21.19	ng/ul	97
41) 2-Chloronaphthalene	13.24	162	438798	21.18	ng/ul	97
42) 2-Nitroaniline	13.46	65	123096	22.40	ng/ul	93
44) Dimethylphthalate	13.84	163	548929	21.61	ng/ul	99
45) 2,6-Dinitrotoluene	13.96	165	103870	21.74	ng/ul	91
47) Acenaphthylene	14.10	152	687689	21.55	ng/ul	99
48) 3-Nitroaniline	14.30	138	106725	22.59	ng/ul#	95
49) Acenaphthene	14.44	153	467521	21.23	ng/ul	100
50) 2,4-Dinitrophenol	14.52	184	50935	17.31	ng/ul#	82
52) 4-Nitrophenol	14.61	109	83169	20.28	ng/ul	98
53) Dibenzofuran	14.77	168	676661	21.40	ng/ul	96
54) 2,4-Dinitrotoluene	14.76	165	155666	22.58	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	15.01	232	149743	22.23	ng/ul#	96
56) Diethylphthalate	15.20	149	549576	21.86	ng/ul	99
58) Fluorene	15.43	166	548561	21.73	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.42	204	290051	21.55	ng/ul	97
60) 4-Nitroaniline	15.46	138	103940	21.82	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.52	198	91475	19.27	ng/ul#	97
64) N-Nitrosodiphenylamine	15.64	169	482885	21.84	ng/ul	99
65) 4-Bromophenyl-phenylether	16.32	248	187559	21.26	ng/ul	98
66) Hexachlorobenzene	16.43	284	207831	21.27	ng/ul	95
67) Atrazine	16.59	200	176953	20.78	ng/ul	99
68) Pentachlorophenol	16.78	266	109646	20.02	ng/ul	97
69) Phenanthrene	17.17	178	879356	21.39	ng/ul	100
71) Anthracene	17.26	178	912017	21.78	ng/ul	100
72) Carbazole	17.53	167	793125	21.88	ng/ul	99
73) Di-n-butylphthalate	18.09	149	901750	22.34	ng/ul	99
74) Fluoranthene	19.19	202	1065353	22.16	ng/ul	100
77) Pyrene	19.55	202	1117207	21.08	ng/ul	99
78) Butylbenzylphthalate	20.44	149	416426	22.08	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.23	252	400544	21.98	ng/ul	97
80) Benzo(a)anthracene	21.30	228	1186978	21.64	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.22	149	605144	21.79	ng/ul	99
82) Chrysene	21.35	228	1144433	21.72	ng/ul	99
84) Di-n-octyl phthalate	22.10	149	1099995	20.70	ng/ul	100
85) Benzo(b)fluoranthene	22.89	252	1273901	21.27	ng/ul	99
86) Benzo(k)fluoranthene	22.93	252	1188657	21.57	ng/ul	100
88) Benzo(a)pyrene	23.47	252	1231815	21.83	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.83	276	1480190	21.90	ng/ul	99
90) Dibenzo(a,h)anthracene	25.84	278	1233239	21.63	ng/ul	99
91) Benzo(g,h,i)perylene	26.53	276	1221442	21.52	ng/ul	98

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

