

Data Path : Z:\HPCHEM1\BNA M\DATA\BM061516\
 Data File : BM005790.D
 Acq On : 14 Jun 2016 18:14
 Operator : UM/SJ
 Sample : SSTD16039
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16039

Quant Time: Jun 14 18:55:59 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM061416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 14 17:29:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	75713	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	365289	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	190537	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	352157	20.00	ng/ul	0.00
75) Chrysene-d12	21.33	240	308200	20.00	ng/ul	0.01
83) Perylene-d12	23.58	264	356128	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	89710	51.90	ng/uL	0.00
5) Phenol-d5	6.93	99	1007499	162.35	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.09	67	558432	155.27	ng/ul	0.01
9) 2-Chlorophenol-d4	7.29	132	819405	158.26	ng/ul	0.01
13) 4-Methylphenol-d8	8.49	113	842215	165.61	ng/ul	0.03
19) Nitrobenzene-d5	8.92	128	427867	153.20	ng/ul	0.01
22) 2-Nitrophenol-d4	9.63	143	476077	154.85	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.17	165	796709	137.60	ng/ul	0.01
29) 4-Chloroaniline-d4	10.68	131	629644	108.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	2067974	132.96	ng/ul	0.02
46) Acenaphthylene-d8	14.09	160	2462892	126.66	ng/ul	0.01
51) 4-Nitrophenol-d4	14.65	143	301101	102.35	ng/ul	0.02
57) Fluorene-d10	15.39	176	1541617	113.91	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.54	200	301520	148.86	ng/ul	0.02
70) Anthracene-d10	17.24	188	2063413	123.01	ng/ul	0.01
76) Pyrene-d10	19.53	212	2089220	149.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.44	264	2312749	139.08	ng/ul	0.02

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.22	88	155252	50.90	ng/uL	93
4) Benzaldehyde	6.89	77	128131	31.81	ng/ul	99
6) Phenol	6.97	94	995986	155.80	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.18	93	766593	158.72	ng/ul	97
10) 2-Chlorophenol	7.32	128	807898	155.50	ng/ul	98
11) 2-Methylphenol	8.20	108	792396	163.52	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.28	45	1003302	155.56	ng/ul	98
14) Acetophenone	8.58	105	1048487	136.93	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.60	70	558289	138.07	ng/ul	96
16) 4-Methylphenol	8.56	108	808488	153.67	ng/ul	95
17) Hexachloroethane	8.82	117	320717	154.26	ng/ul	97
20) Nitrobenzene	8.96	77	927504	137.08	ng/ul	96
21) Isophorone	9.49	82	1767083	139.68	ng/ul	97
23) 2-Nitrophenol	9.67	139	482671	145.96	ng/ul	91
24) 2,4-Dimethylphenol	9.73	107	903083	132.16	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.96	93	1061017	142.39	ng/ul	99
27) 2,4-Dichlorophenol	10.20	162	765899	134.19	ng/ul	99
28) Naphthalene	10.59	128	2390106	130.25	ng/ul	100
30) 4-Chloroaniline	10.71	127	635035	106.90	ng/ul	98
31) Hexachlorobutadiene	10.86	225	482282	126.43	ng/ul	99
32) Caprolactam	11.54	113	170744	89.62	ng/ul	97
33) 4-Chloro-3-methylphenol	11.86	107	850400	135.98	ng/ul	99
34) 2-Methylnaphthalene	12.21	142	1674537	124.72	ng/ul	100

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36) 1,2,4,5-Tetrachlorobenzene	12.58	216	891971	137.03	ng/ul	98
37) Hexachlorocyclopentadiene	12.55	237	363031	88.79	ng/ul	96
38) 2,4,6-Trichlorophenol	12.83	196	604725	142.55	ng/ul	99
39) 2,4,5-Trichlorophenol	12.92	196	655867	140.40	ng/ul	98
40) 1,1'-Biphenyl	13.23	154	2056935	128.60	ng/ul	98
41) 2-Chloronaphthalene	13.27	162	1637249	132.84	ng/ul	99
42) 2-Nitroaniline	13.49	65	533302	143.77	ng/ul	90
44) Dimethylphthalate	13.86	163	1943995	126.49	ng/ul	100
45) 2,6-Dinitrotoluene	13.99	165	458410	147.53	ng/ul	97
47) Acenaphthylene	14.12	152	2384386	120.69	ng/ul	99
48) 3-Nitroaniline	14.32	138	417002	144.85	ng/ul	97
49) Acenaphthene	14.46	153	1583189	121.53	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	206502	118.74	ng/ul	92
52) 4-Nitrophenol	14.66	109	247715	83.80	ng/ul	91
53) Dibenzofuran	14.80	168	2049544	110.18	ng/ul	96
54) 2,4-Dinitrotoluene	14.79	165	506207	111.63	ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.03	232	474732	116.28	ng/ul	96
56) Diethylphthalate	15.22	149	1854989	118.35	ng/ul	100
58) Fluorene	15.45	166	1490813	100.15	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.43	204	770393	103.56	ng/ul	98
60) 4-Nitroaniline	15.50	138	410457	116.90	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.56	198	302258	142.06	ng/ul	94
64) N-Nitrosodiphenylamine	15.66	169	1458489	136.49	ng/ul	99
65) 4-Bromophenyl-phenylether	16.33	248	538050	137.16	ng/ul	97
66) Hexachlorobenzene	16.45	284	567746	127.03	ng/ul	99
67) Atrazine	16.62	200	487383	121.89	ng/ul	99
68) Pentachlorophenol	16.80	266	279531	104.18	ng/ul	97
69) Phenanthrene	17.19	178	2439856	123.97	ng/ul	100
71) Anthracene	17.28	178	2344946	116.91	ng/ul	100
72) Carbazole	17.55	167	2275023	130.68	ng/ul	99
73) Di-n-butylphthalate	18.10	149	2698551	127.75	ng/ul	100
74) Fluoranthene	19.20	202	2597021	117.23	ng/ul	99
77) Pyrene	19.57	202	2476959	139.80	ng/ul	98
78) Butylbenzylphthalate	20.45	149	1186530	158.89	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.24	252	765212	136.95	ng/ul	99
80) Benzo(a)anthracene	21.31	228	2480367	136.92	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.22	149	1512021	143.37	ng/ul	98
82) Chrysene	21.36	228	2315932	134.37	ng/ul	98
84) Di-n-octyl phthalate	22.10	149	2857702	139.91	ng/ul	96
85) Benzo(b)fluoranthene	22.91	252	2985283	142.12	ng/ul	99
86) Benzo(k)fluoranthene	22.96	252	2380040	119.70	ng/ul	100
88) Benzo(a)pyrene	23.50	252	2661356	130.62	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.91	276	3208705	132.58	ng/ul	97
90) Dibenzo(a,h)anthracene	25.90	278	2552549	126.63	ng/ul	100
91) Benzo(g,h,i)perylene	26.60	276	2980370	146.47	ng/ul	98

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

