

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092316\
 Data File : BM007527.D
 Acq On : 23 Sep 2016 17:13
 Operator : UM/SJ
 Sample : SSTD16048
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16048

Quant Time: Sep 23 17:44:08 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 23 16:29:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	154360	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	759700	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	601410	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1354689	20.00	ng/ul	0.01
75) Chrysene-d12	21.36	240	1744320	20.00	ng/ul	0.01
83) Perylene-d12	23.62	264	1851214	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	185856	61.54	ng/uL	0.00
5) Phenol-d5	6.97	99	2412750	165.47	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.13	67	1184701	154.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	1797159	166.76	ng/ul	0.01
13) 4-Methylphenol-d8	8.50	113	2049154	161.14	ng/ul	0.02
19) Nitrobenzene-d5	8.95	128	945414	169.51	ng/ul	0.01
22) 2-Nitrophenol-d4	9.67	143	1132015	173.80	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.20	165	2138764	164.95	ng/ul	0.01
29) 4-Chloroaniline-d4	10.72	131	2027366	125.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	6854162	132.10	ng/ul	0.02
46) Acenaphthylene-d8	14.12	160	7857589	130.65	ng/ul	0.01
51) 4-Nitrophenol-d4	14.67	143	1303407	133.07	ng/ul	0.04
57) Fluorene-d10	15.42	176	5694459	126.90	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.57	200	1467084	172.23	ng/ul	0.03
70) Anthracene-d10	17.27	188	9241936	146.04	ng/ul	0.02
76) Pyrene-d10	19.56	212	11181115	153.29	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.49	264	12950799	151.89	ng/ul	0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	195227	57.96	ng/uL	94
4) Benzaldehyde	6.94	77	1488147	179.14	ng/ul	99
6) Phenol	7.00	94	2408731	159.26	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.22	93	1629516	154.67	ng/ul	98
10) 2-Chlorophenol	7.36	128	1798911	163.01	ng/ul	99
11) 2-Methylphenol	8.23	108	1872027	158.35	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.32	45	1713394	144.51	ng/ul	94
14) Acetophenone	8.62	105	2908223	149.12	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.63	70	1479685	142.76	ng/ul	94
16) 4-Methylphenol	8.58	108	2061335	155.42	ng/ul	98
17) Hexachloroethane	8.86	117	684755	159.54	ng/ul	98
20) Nitrobenzene	9.00	77	2291911	159.99	ng/ul	99
21) Isophorone	9.53	82	4450861	152.51	ng/ul	100
23) 2-Nitrophenol	9.70	139	1123446	158.69	ng/ul	95
24) 2,4-Dimethylphenol	9.76	107	2472789	158.34	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.99	93	2408830	146.46	ng/ul	98
27) 2,4-Dichlorophenol	10.23	162	2064385	160.29	ng/ul	99
28) Naphthalene	10.62	128	5775670	152.86	ng/ul	99
30) 4-Chloroaniline	10.75	127	2036691	122.32	ng/ul	97
31) Hexachlorobutadiene	10.90	225	1377445	158.28	ng/ul	99
32) Caprolactam	11.59	113	462654	89.18	ng/ul	89
33) 4-Chloro-3-methylphenol	11.89	107	2478506	155.47	ng/ul	94
34) 2-Methylnaphthalene	12.24	142	4465087	144.39	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	2800973	139.86	ng/ul	98
37) Hexachlorocyclopentadiene	12.58	237	1781199	147.44	ng/ul	98
38) 2,4,6-Trichlorophenol	12.86	196	1895447	133.81	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	2094200	141.83	ng/ul	98
40) 1,1'-Biphenyl	13.26	154	6014010	128.95	ng/ul	96
41) 2-Chloronaphthalene	13.30	162	4763682	130.26	ng/ul	97
42) 2-Nitroaniline	13.52	65	1683360	140.93	ng/ul	97
44) Dimethylphthalate	13.89	163	6473575	125.26	ng/ul	99
45) 2,6-Dinitrotoluene	14.02	165	1489244	140.98	ng/ul	96
47) Acenaphthylene	14.15	152	7605454	122.90	ng/ul	99
48) 3-Nitroaniline	14.35	138	1348676	125.08	ng/ul	98
49) Acenaphthene	14.49	153	5213117	129.47	ng/ul	99
50) 2,4-Dinitrophenol	14.56	184	1096362	153.05	ng/ul	88
52) 4-Nitrophenol	14.68	109	1340623	128.66	ng/ul	85
53) Dibenzofuran	14.83	168	7306397	121.25	ng/ul	94
54) 2,4-Dinitrotoluene	14.81	165	2116443	130.71	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.06	232	2054195	135.60	ng/ul#	97
56) Diethylphthalate	15.26	149	6597167	122.38	ng/ul	99
58) Fluorene	15.48	166	5943580	119.76	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.47	204	3212785	123.83	ng/ul	98
60) 4-Nitroaniline	15.54	138	1508099	123.26	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.59	198	1467507	161.41	ng/ul#	93
64) N-Nitrosodiphenylamine	15.69	169	5533499	146.30	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	2375952	155.33	ng/ul	98
66) Hexachlorobenzene	16.48	284	2640195	154.15	ng/ul	98
67) Atrazine	16.65	200	2417373	151.37	ng/ul	98
68) Pentachlorophenol	16.82	266	1820842	164.74	ng/ul	99
69) Phenanthrene	17.22	178	10297267	141.60	ng/ul	97
71) Anthracene	17.31	178	10237836	136.36	ng/ul	96
72) Carbazole	17.58	167	9646042	147.84	ng/ul	97
73) Di-n-butylphthalate	18.13	149	10939106	133.23	ng/ul	99
74) Fluoranthene	19.23	202	12805836	140.31	ng/ul	100
77) Pyrene	19.60	202	12453064	133.08	ng/ul	100
78) Butylbenzylphthalate	20.49	149	5635899	144.73	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.27	252	4878569	140.88	ng/ul	98
80) Benzo(a)anthracene	21.34	228	13890066	135.08	ng/ul	93
81) Bis(2-ethylhexyl)phthalate	21.26	149	7615927	134.86	ng/ul#	96
82) Chrysene	21.40	228	12687121	136.22	ng/ul	91
84) Di-n-octyl phthalate	22.14	149	13158569	142.71	ng/ul#	99
85) Benzo(b)fluoranthene	22.95	252	16773467	153.24	ng/ul	97
86) Benzo(k)fluoranthene	23.00	252	13358075	132.04	ng/ul	97
88) Benzo(a)pyrene	23.54	252	14787751	141.18	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.97	276	17292282	134.54	ng/ul	98
90) Dibenzo(a,h)anthracene	25.96	278	14202544	132.84	ng/ul	99
91) Benzo(g,h,i)perylene	26.66	276	14427238	132.19	ng/ul	97

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

