

Data Path : Z:\HPCHEM1\BNA_M\Data\BM042516\
 Data File : BM005052.D
 Acq On : 25 Apr 2016 19:12
 Operator : UM/SJ
 Sample : SSTD16040
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16040

Quant Time: Apr 25 19:43:30 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 25 17:47:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	44949	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	206676	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	124608	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	296658	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	268698	20.00	ng/ul	0.01
83) Perylene-d12	23.67	264	252146	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	52206	58.22	ng/uL	0.00
5) Phenol-d5	6.99	99	577632	155.47	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.15	67	309526	147.18	ng/ul	0.01
9) 2-Chlorophenol-d4	7.35	132	467491	160.46	ng/ul	0.01
13) 4-Methylphenol-d8	8.52	113	490303	155.45	ng/ul	0.02
19) Nitrobenzene-d5	8.97	128	246985	171.50	ng/ul	0.02
22) 2-Nitrophenol-d4	9.69	143	277789	173.05	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.23	165	470175	153.03	ng/ul	0.02
29) 4-Chloroaniline-d4	10.74	131	403131	112.84	ng/ul	0.01
43) Dimethylphthalate-d6	13.86	166	1379294	139.68	ng/ul	0.02
46) Acenaphthylene-d8	14.14	160	1606521	137.52	ng/ul	0.01
51) 4-Nitrophenol-d4	14.68	143	276604	161.52	ng/ul	0.04
57) Fluorene-d10	15.44	176	1088587	126.13	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.59	200	272016	161.92	ng/ul	0.03
70) Anthracene-d10	17.30	188	1673016	125.55	ng/ul	0.02
76) Pyrene-d10	19.59	212	1790014	144.29	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.54	264	1639710	144.21	ng/ul	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	92722	57.65	ng/uL	95
4) Benzaldehyde	6.95	77	127757	70.01	ng/ul	99
6) Phenol	7.02	94	584014	150.97	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.24	93	434668	147.20	ng/ul	99
10) 2-Chlorophenol	7.37	128	465840	154.66	ng/ul	98
11) 2-Methylphenol	8.25	108	464492	153.56	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.34	45	553635	145.54	ng/ul	100
14) Acetophenone	8.64	105	662837	139.70	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.65	70	323302	136.45	ng/ul	99
16) 4-Methylphenol	8.60	108	509117	151.83	ng/ul	99
17) Hexachloroethane	8.88	117	182942	152.45	ng/ul	99
20) Nitrobenzene	9.02	77	549669	155.68	ng/ul	100
21) Isophorone	9.55	82	1024152	150.94	ng/ul	99
23) 2-Nitrophenol	9.72	139	280254	159.82	ng/ul#	90
24) 2,4-Dimethylphenol	9.78	107	560243	149.21	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.02	93	599161	143.14	ng/ul	100
27) 2,4-Dichlorophenol	10.26	162	463953	147.75	ng/ul	98
28) Naphthalene	10.65	128	1425989	136.29	ng/ul	100
30) 4-Chloroaniline	10.76	127	411459	112.72	ng/ul	100
31) Hexachlorobutadiene	10.93	225	297461	145.08	ng/ul	98
32) Caprolactam	11.59	113	103176	94.13	ng/ul	89
33) 4-Chloro-3-methylphenol	11.90	107	543965	150.14	ng/ul	96
34) 2-Methylnaphthalene	12.26	142	1003043	129.60	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	544462	141.03	ng/ul	98
37) Hexachlorocyclopentadiene	12.61	237	387407	167.55	ng/ul	96
38) 2,4,6-Trichlorophenol	12.88	196	393014	157.00	ng/ul	99
39) 2,4,5-Trichlorophenol	12.96	196	432880	155.47	ng/ul	99
40) 1,1'-Biphenyl	13.28	154	1280037	130.46	ng/ul	97
41) 2-Chloronaphthalene	13.33	162	1031155	137.87	ng/ul	98
42) 2-Nitroaniline	13.54	65	363188	176.11	ng/ul	98
44) Dimethylphthalate	13.92	163	1349290	136.65	ng/ul	99
45) 2,6-Dinitrotoluene	14.04	165	316265	164.05	ng/ul	96
47) Acenaphthylene	14.17	152	1595668	129.02	ng/ul	99
48) 3-Nitroaniline	14.37	138	287990	148.48	ng/ul	96
49) Acenaphthene	14.52	153	1045209	128.18	ng/ul	99
50) 2,4-Dinitrophenol	14.58	184	224451	201.35	ng/ul	93
52) 4-Nitrophenol	14.70	109	253171	166.57	ng/ul	85
53) Dibenzofuran	14.85	168	1462550	122.28	ng/ul	92
54) 2,4-Dinitrotoluene	14.83	165	433445	150.22	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.08	232	360198	147.13	ng/ul	97
56) Diethylphthalate	15.28	149	1366137	136.77	ng/ul	99
58) Fluorene	15.51	166	1053540	112.74	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.49	204	545176	115.50	ng/ul	93
60) 4-Nitroaniline	15.56	138	323632	154.56	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.60	198	279561	158.36	ng/ul#	96
64) N-Nitrosodiphenylamine	15.72	169	1039621	126.42	ng/ul	98
65) 4-Bromophenyl-phenylether	16.39	248	394054	135.54	ng/ul	96
66) Hexachlorobenzene	16.50	284	449230	136.16	ng/ul	99
67) Atrazine	16.67	200	430114	141.80	ng/ul	98
68) Pentachlorophenol	16.84	266	312775	164.88	ng/ul	100
69) Phenanthrene	17.24	178	1929345	121.94	ng/ul	99
71) Anthracene	17.34	178	1851592	116.56	ng/ul	98
72) Carbazole	17.60	167	1808827	132.24	ng/ul	97
73) Di-n-butylphthalate	18.16	149	2148757	133.21	ng/ul	99
74) Fluoranthene	19.26	202	2193627	126.86	ng/ul#	95
77) Pyrene	19.63	202	2091483	133.06	ng/ul#	93
78) Butylbenzylphthalate	20.52	149	1020183	165.86	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.31	252	691817	146.02	ng/ul	98
80) Benzo(a)anthracene	21.37	228	2166038	140.57	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.29	149	1291288	149.85	ng/ul#	98
82) Chrysene	21.43	228	1965294	132.81	ng/ul	99
84) Di-n-octyl phthalate	22.18	149	2432946	151.46	ng/ul	97
85) Benzo(b)fluoranthene	23.00	252	2194606	140.14	ng/ul	98
86) Benzo(k)fluoranthene	23.00	252	2194606	152.02	ng/ul	98
88) Benzo(a)pyrene	23.59	252	1951426	137.53	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.02	276	2001144	149.01	ng/ul	97
90) Dibenzo(a,h)anthracene	26.03	278	1630361	145.09	ng/ul	97
91) Benzo(g,h,i)perylene	26.73	276	1726518	155.98	ng/ul	98

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

