

Data Path : Z:\HPCHEM1\BNA_M\Data\BM082316\
 Data File : BM007249.D
 Acq On : 23 Aug 2016 13:11
 Operator : UM/SJ
 Sample : SSTD16061
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16061

Quant Time: Aug 23 13:43:48 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 23 12:35:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	159034	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	814228	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	575708	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1510718	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1854261	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	2186443	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	174261	47.87	ng/uL	0.00
5) Phenol-d5	6.98	99	2503283	194.30	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.15	67	1213227	164.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	1882004	183.41	ng/ul	0.01
13) 4-Methylphenol-d8	8.52	113	2150407	202.84	ng/ul	0.02
19) Nitrobenzene-d5	8.97	128	993107	167.94	ng/ul	0.01
22) 2-Nitrophenol-d4	9.69	143	1185391	187.62	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.22	165	2287257	172.82	ng/ul	0.01
29) 4-Chloroaniline-d4	10.73	131	2364206	150.13	ng/ul	0.01
43) Dimethylphthalate-d6	13.86	166	7271236	152.85	ng/ul	0.01
46) Acenaphthylene-d8	14.14	160	8500303	148.77	ng/ul	0.01
51) 4-Nitrophenol-d4	14.67	143	1451082	170.19	ng/ul	0.04
57) Fluorene-d10	15.44	176	6130995	147.44	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.57	200	1569601	188.02	ng/ul	0.02
70) Anthracene-d10	17.29	188	9790773	139.90	ng/ul	0.02
76) Pyrene-d10	19.58	212	11680048	149.24	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.51	264	14700233	146.99	ng/ul	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.34	88	175841	46.44	ng/uL	98
4) Benzaldehyde	6.95	77	947775	122.38	ng/ul	99
6) Phenol	7.01	94	2570893	189.45	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.24	93	1673804	167.15	ng/ul	98
10) 2-Chlorophenol	7.37	128	1899913	181.02	ng/ul	99
11) 2-Methylphenol	8.25	108	2021939	198.12	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.34	45	1859731	162.08	ng/ul	97
14) Acetophenone	8.63	105	3127621	191.59	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.64	70	1605137	188.94	ng/ul	96
16) 4-Methylphenol	8.59	108	2220583	199.39	ng/ul	98
17) Hexachloroethane	8.88	117	699204	159.60	ng/ul	98
20) Nitrobenzene	9.01	77	2448418	160.90	ng/ul	100
21) Isophorone	9.55	82	4753163	166.74	ng/ul	99
23) 2-Nitrophenol	9.72	139	1233194	178.42	ng/ul	96
24) 2,4-Dimethylphenol	9.78	107	2681981	169.33	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.02	93	2647959	154.70	ng/ul	98
27) 2,4-Dichlorophenol	10.25	162	2226996	168.91	ng/ul	99
28) Naphthalene	10.65	128	6148826	152.45	ng/ul	99
30) 4-Chloroaniline	10.76	127	2417702	149.71	ng/ul	98
31) Hexachlorobutadiene	10.92	225	1419308	145.62	ng/ul	98
32) Caprolactam	11.59	113	471822	105.65	ng/ul	94
33) 4-Chloro-3-methylphenol	11.90	107	2641537	183.39	ng/ul	95
34) 2-Methylnaphthalene	12.26	142	4958035	159.46	ng/ul	100

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36) 1,2,4,5-Tetrachlorobenzene	12.63	216	2945450	144.67	ng/ul	98
37) Hexachlorocyclopentadiene	12.60	237	1937394	149.43	ng/ul	99
38) 2,4,6-Trichlorophenol	12.87	196	2122430	162.56	ng/ul	99
39) 2,4,5-Trichlorophenol	12.95	196	2241859	163.97	ng/ul	99
40) 1,1'-Biphenyl	13.27	154	6566770	142.16	ng/ul	97
41) 2-Chloronaphthalene	13.32	162	5270549	145.45	ng/ul	98
42) 2-Nitroaniline	13.53	65	1873299	180.10	ng/ul	100
44) Dimethylphthalate	13.91	163	7051669	148.32	ng/ul	99
45) 2,6-Dinitrotoluene	14.03	165	1649112	178.50	ng/ul	94
47) Acenaphthylene	14.17	152	8507587	144.63	ng/ul	99
48) 3-Nitroaniline	14.36	138	1489698	163.00	ng/ul	99
49) Acenaphthene	14.51	153	5631266	147.47	ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	1239848	226.29	ng/ul#	84
52) 4-Nitrophenol	14.69	109	1562563	180.34	ng/ul	85
53) Dibenzofuran	14.85	168	8068379	142.33	ng/ul	92
54) 2,4-Dinitrotoluene	14.82	165	2387542	175.11	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.07	232	2230271	168.75	ng/ul#	96
56) Diethylphthalate	15.27	149	7325425	146.05	ng/ul	100
58) Fluorene	15.50	166	6406455	140.16	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.49	204	3377307	139.95	ng/ul	95
60) 4-Nitroaniline	15.54	138	1742671	162.63	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.59	198	1643404	180.94	ng/ul	99
64) N-Nitrosodiphenylamine	15.70	169	5996830	140.25	ng/ul	98
65) 4-Bromophenyl-phenylether	16.38	248	2533573	148.08	ng/ul	98
66) Hexachlorobenzene	16.49	284	2803776	144.84	ng/ul	94
67) Atrazine	16.66	200	2621751	152.14	ng/ul	99
68) Pentachlorophenol	16.84	266	1976246	165.96	ng/ul	100
69) Phenanthrene	17.23	178	11111769	136.78	ng/ul	97
71) Anthracene	17.33	178	11110097	133.24	ng/ul	95
72) Carbazole	17.59	167	10263010	142.86	ng/ul	96
73) Di-n-butylphthalate	18.15	149	11917337	135.70	ng/ul#	97
74) Fluoranthene	19.24	202	13633345	138.35	ng/ul	99
77) Pyrene	19.61	202	13248425	129.23	ng/ul	99
78) Butylbenzylphthalate	20.50	149	6327348	158.77	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.29	252	4977799	138.99	ng/ul	99
80) Benzo(a)anthracene	21.35	228	14851508	135.57	ng/ul	92
81) Bis(2-ethylhexyl)phthalate	21.27	149	8187084	138.80	ng/ul	98
82) Chrysene	21.35	228	14851508	148.34	ng/ul	95
84) Di-n-octyl phthalate	22.16	149	13789015	122.26	ng/ul#	96
85) Benzo(b)fluoranthene	22.97	252	18539245	140.75	ng/ul	96
86) Benzo(k)fluoranthene	23.02	252	15518576	125.47	ng/ul	96
88) Benzo(a)pyrene	23.57	252	16879358	135.20	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.99	276	22213589	145.16	ng/ul	98
90) Dibenzo(a,h)anthracene	26.00	278	17743398	138.15	ng/ul	98
91) Benzo(g,h,i)perylene	26.70	276	19171160	148.21	ng/ul	98

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

