

Data Path : Z:\HPCHEM1\BNA_M\Data\BM103015\
 Data File : BM003017.D
 Acq On : 30 Oct 2015 17:26
 Operator : UM/IZ
 Sample : SSTD16060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16060

Quant Time: Oct 30 17:57:29 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 17:28:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	136832	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	567372	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.42	164	281859	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.16	188	585945	20.00	ng/ul	0.00
78) Chrysene-d12	21.36	240	565830	20.00	ng/ul	0.00
86) Perylene-d12	23.63	264	629993	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	167991	144.69	ng/uL	0.00
5) Phenol-d5	6.95	99	1556618	140.37	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.11	67	881786	135.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	1334200	145.54	ng/ul	0.01
13) 4-Methylphenol-d8	8.49	113	1231309	137.15	ng/ul	0.02
19) Nitrobenzene-d5	8.94	128	625017	180.64	ng/ul	0.01
22) 2-Nitrophenol-d4	9.66	143	655912	187.12	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.19	165	1161980	147.79	ng/ul	0.01
29) 4-Chloroaniline-d4	10.70	131	1140664	104.33	ng/ul	0.00
44) Dimethylphthalate-d6	13.83	166	2975847	140.34	ng/ul	0.01
47) Acenaphthylene-d8	14.11	160	3671045	136.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	604435	171.57	ng/ul	0.02
58) Fluorene-d10	15.42	176	2396746	130.73	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.54	200	488495	185.83	ng/ul	0.02
71) Anthracene-d10	17.26	188	3477909	133.89	ng/ul	0.00
79) Pyrene-d10	19.56	212	3630815	130.35	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.50	264	4287076	143.20	ng/ul	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	179791	141.76	ng/uL#	92
4) Benzaldehyde	6.91	77	385745	60.79	ng/ul	93
6) Phenol	6.97	94	1559215	135.82	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.20	93	1248004	136.34	ng/ul	100
10) 2-Chlorophenol	7.34	128	1350883	142.70	ng/ul	98
11) 2-Methylphenol	8.22	108	1222198	136.64	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.31	45	1467359	129.14	ng/ul#	93
14) Acetophenone	8.60	105	1715947	123.65	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.61	70	822597	125.41	ng/ul	93
16) 4-Methylphenol	8.56	108	1286627	132.43	ng/ul	99
17) Hexachloroethane	8.85	117	543009	150.75	ng/ul	99
20) Nitrobenzene	8.98	77	1351630	161.23	ng/ul	93
21) Isophorone	9.52	82	2458901	144.61	ng/ul	96
23) 2-Nitrophenol	9.69	139	703025	172.66	ng/ul#	88
24) 2,4-Dimethylphenol	9.75	107	1348120	141.72	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.99	93	1553062	141.41	ng/ul	99
27) 2,4-Dichlorophenol	10.22	162	1159308	143.73	ng/ul	99
28) Naphthalene	10.62	128	3835324	134.70	ng/ul	99
30) 4-Chloroaniline	10.73	127	1187662	103.56	ng/ul	100
31) Hexachlorobutadiene	10.90	225	743739	148.89	ng/ul	100
32) Caprolactam	11.54	113	208670	91.31	ng/ul	98
33) 4-Chloro-3-methylphenol	11.86	107	1198921	140.61	ng/ul	94
34) 2-Methylnaphthalene	12.23	142	2602078	126.80	ng/ul	99

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35) 1-Methylnaphthalene	12.46	142	2517639	125.14	ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	12.60	216	1253322	138.95	ng/ul	99
38) Hexachlorocyclopentadiene	12.59	237	875605	166.24	ng/ul	97
39) 2,4,6-Trichlorophenol	12.85	196	852122	154.77	ng/ul	100
40) 2,4,5-Trichlorophenol	12.92	196	892483	150.73	ng/ul	99
41) 1,1'-Biphenyl	13.25	154	3134178	131.97	ng/ul	98
42) 2-Chloronaphthalene	13.29	162	2430130	137.56	ng/ul	97
43) 2-Nitroaniline	13.50	65	684953	192.87	ng/ul	90
45) Dimethylphthalate	13.89	163	2931514	135.67	ng/ul	99
46) 2,6-Dinitrotoluene	14.00	165	649527	183.93	ng/ul#	85
48) Acenaphthylene	14.15	152	3758020	130.97	ng/ul	98
49) 3-Nitroaniline	14.33	138	556496	146.46	ng/ul	91
50) Acenaphthene	14.49	153	2510673	129.92	ng/ul	99
51) 2,4-Dinitrophenol	14.53	184	376586	201.97	ng/ul	93
53) 4-Nitrophenol	14.64	109	450054	167.10	ng/ul#	73
54) Dibenzofuran	14.82	168	3447059	127.60	ng/ul	90
55) 2,4-Dinitrotoluene	14.79	165	904790	182.05	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.04	232	734140	150.25	ng/ul#	95
57) Diethylphthalate	15.25	149	2999319	140.75	ng/ul	99
59) Fluorene	15.47	166	2418355	115.16	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.46	204	1178049	119.49	ng/ul	92
61) 4-Nitroaniline	15.50	138	710967	182.70	ng/ul#	78
64) 4,6-Dinitro-2-methylphenol	15.56	198	514476	179.10	ng/ul#	96
65) N-Nitrosodiphenylamine	15.68	169	2324755	132.13	ng/ul	98
66) 4-Bromophenyl-phenylether	16.36	248	808742	141.81	ng/ul	96
67) Hexachlorobenzene	16.47	284	924933	133.76	ng/ul	94
68) Atrazine	16.64	200	872097	139.89	ng/ul	96
69) Pentachlorophenol	16.81	266	615533	158.46	ng/ul	98
70) Phenanthrene	17.21	178	4161087	125.41	ng/ul	97
72) Anthracene	17.30	178	4010798	123.76	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.22	216	1252094	140.95	ng/uL	99
74) Pentachlorobenzene	14.74	250	1103757	131.38	ng/uL	99
75) Carbazole	17.57	167	3862696	135.25	ng/ul	97
76) Di-n-butylphthalate	18.13	149	4711869	147.79	ng/ul#	98
77) Fluoranthene	19.23	202	4480882	128.27	ng/ul	97
80) Pyrene	19.59	202	4426271	119.57	ng/ul	95
81) Butylbenzylphthalate	20.49	149	2123500	194.44	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.27	252	1234367	155.13	ng/ul	98
83) Benzo(a)anthracene	21.34	228	4385915	141.13	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.27	149	2723802	159.46	ng/ul	99
85) Chrysene	21.40	228	4042522	131.48	ng/ul	97
87) Di-n-octyl phthalate	22.16	149	5261995	162.74	ng/ul	100
88) Benzo(b)fluoranthene	22.95	252	4882389	134.53	ng/ul	97
89) Benzo(k)fluoranthene	22.95	252	3027270	89.39	ng/ul	96
91) Benzo(a)pyrene	23.54	252	4616460	134.36	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.96	276	5675424	150.16	ng/ul	95
93) Dibenzo(a,h)anthracene	25.97	278	4514964	151.60	ng/ul#	94
94) Benzo(g,h,i)perylene	26.67	276	5091711	149.75	ng/ul	94

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

