

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121316\
 Data File : BM008277.D
 Acq On : 13 Dec 2016 17:48
 Operator : UM/SJ
 Sample : SSTD16040
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16040

Quant Time: Dec 13 18:21:06 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121316MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 13 17:07:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	124536	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	493274	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	338591	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	675260	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	872444	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	883230	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	161975	52.62	ng/uL	0.00
5) Phenol-d5	6.87	99	1584344	143.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	870393	145.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	1225404	145.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	1233161	132.68	ng/ul	0.02
19) Nitrobenzene-d5	8.84	128	597137	170.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	697412	179.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	1260130	173.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	1159945	133.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	3550404	132.91	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	4301142	134.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	618605	117.13	ng/ul	0.01
57) Fluorene-d10	15.32	176	3070414	132.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	738065	182.42	ng/ul	0.00
70) Anthracene-d10	17.17	188	4785847	158.40	ng/ul	0.00
78) Pyrene-d10	19.47	212	5487938	144.89	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	5990203	153.08	ng/ul	0.02

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.27	88	183030	48.85	ng/ul	93
4) Benzaldehyde	6.84	77	691720	134.08	ng/ul	94
6) Phenol	6.90	94	1628247	140.89	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.12	93	1186936	135.53	ng/ul	94
10) 2-Chlorophenol	7.25	128	1245265	140.80	ng/ul	92
11) 2-Methylphenol	8.13	108	1210015	132.68	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.21	45	1304025	122.10	ng/ul	97
14) Acetophenone	8.51	105	1967792	140.00	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.51	70	992427	139.51	ng/ul	95
16) 4-Methylphenol	8.47	108	1291653	127.11	ng/ul	99
17) Hexachloroethane	8.73	117	525439	154.95	ng/ul	85
20) Nitrobenzene	8.89	77	1479022	176.12	ng/ul	94
21) Isophorone	9.42	82	2686461	160.73	ng/ul	97
23) 2-Nitrophenol	9.59	139	706823	166.54	ng/ul#	89
24) 2,4-Dimethylphenol	9.65	107	1481098	165.10	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.88	93	1521912	146.13	ng/ul	98
27) 2,4-Dichlorophenol	10.12	162	1241120	165.62	ng/ul	98
28) Naphthalene	10.50	128	3726268	149.41	ng/ul	100
30) 4-Chloroaniline	10.63	127	1162643	127.25	ng/ul	100
31) Hexachlorobutadiene	10.77	225	934630	205.09	ng/ul	98
32) Caprolactam	11.47	113	211630	74.64	ng/ul	87
33) 4-Chloro-3-methylphenol	11.77	107	1354567	157.62	ng/ul	95
34) 2-Methylnaphthalene	12.12	142	2724648	146.62	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	1669111	159.26	ng/ul	98
37) Hexachlorocyclopentadiene	12.46	237	898281	144.16	ng/ul	98
38) 2,4,6-Trichlorophenol	12.74	196	1027152	148.51	ng/ul	99
39) 2,4,5-Trichlorophenol	12.83	196	1107088	145.58	ng/ul	99
40) 1,1'-Biphenyl	13.14	154	3572864	129.96	ng/ul	99
41) 2-Chloronaphthalene	13.19	162	2744487	132.55	ng/ul	98
42) 2-Nitroaniline	13.42	65	887547	148.83	ng/ul#	83
44) Dimethylphthalate	13.79	163	3481865	127.97	ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	759629	143.52	ng/ul	92
47) Acenaphthylene	14.04	152	4296136	126.30	ng/ul	99
48) 3-Nitroaniline	14.26	138	629383	116.31	ng/ul	88
49) Acenaphthene	14.39	153	2925137	128.40	ng/ul	97
50) 2,4-Dinitrophenol	14.47	184	513221	146.09	ng/ul	96
52) 4-Nitrophenol	14.59	109	585573	135.31	ng/ul	89
53) Dibenzofuran	14.72	168	4220820	127.65	ng/ul	97
54) 2,4-Dinitrotoluene	14.72	165	1119165	140.49	ng/ul#	68
55) 2,3,4,6-Tetrachlorophenol	14.96	232	1035246	153.19	ng/ul#	88
56) Diethylphthalate	15.16	149	3471571	126.01	ng/ul	97
58) Fluorene	15.37	166	3473543	131.86	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.37	204	1863962	145.36	ng/ul	89
60) 4-Nitroaniline	15.43	138	641366	101.08	ng/ul	85
63) 4,6-Dinitro-2-methylphenol	15.49	198	741882	171.05	ng/ul#	98
64) N-Nitrosodiphenylamine	15.59	169	3001133	153.26	ng/ul	99
65) 4-Bromophenyl-phenylether	16.26	248	1243029	184.59	ng/ul#	89
66) Hexachlorobenzene	16.38	284	1368063	178.44	ng/ul#	89
67) Atrazine	16.56	200	1213330	168.96	ng/ul	96
68) Pentachlorophenol	16.73	266	827996	173.68	ng/ul	99
69) Phenanthrene	17.12	178	5465928	146.80	ng/ul	99
71) Anthracene	17.21	178	5631212	150.84	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	1595102	181.78	ng/uL	99
73) Pentachlorobenzene	14.64	250	1641455	187.21	ng/uL	99
74) Carbazole	17.49	167	4956666	148.80	ng/ul	99
75) Di-n-butylphthalate	18.04	149	5866234	148.29	ng/ul	99
76) Fluoranthene	19.14	202	6640855	160.52	ng/ul	96
79) Pvrene	19.50	202	6723423	134.66	ng/ul	97
80) Butylbenzylphthalate	20.40	149	2759170	130.29	ng/ul	90
81) 3,3'-Dichlorobenzidine	21.19	252	2210476	130.03	ng/ul#	97
82) Benzo(a)anthracene	21.26	228	7036072	140.65	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	4071861	134.58	ng/ul#	95
84) Chrysene	21.31	228	6569474	138.42	ng/ul	98
86) Di-n-octyl phthalate	22.05	149	6995066	133.79	ng/ul	100
87) Benzo(b)fluoranthene	22.84	252	7496655	148.09	ng/ul#	97
88) Benzo(k)fluoranthene	22.89	252	7257563	149.49	ng/ul#	96
90) Benzo(a)pyrene	23.41	252	7357905	149.89	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.77	276	8955511	152.96	ng/ul#	91
92) Dibenzo(a,h)anthracene	25.77	278	7589359	155.95	ng/ul#	94
93) Benzo(g,h,i)perylene	26.45	276	7446748	148.09	ng/ul#	91

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

