

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
 Data File : BM008287.D
 Acq On : 14 Dec 2016 00:34
 Operator : UM/SJ
 Sample : SSTD00543
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD00543

Quant Time: Dec 14 04:59:10 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 14 04:50:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	142818	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	561427	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	375747	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	760036	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	999804	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1035731	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	5584	1.84	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.22	132	37464	4.53	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.84	128	17965	4.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	19048	4.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	33509	4.01	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.73	166	112927	4.53	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	131944	4.46	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.31	176	101227	4.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.17	188	148641	4.48	ng/ul	0.00
76) Pyrene-d10	19.47	212	177070	4.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	197272	4.55	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	7187	1.98	ng/uL#	86
10) 2-Chlorophenol	7.25	128	37260	4.45	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.48	70	32689	4.57	ng/ul	95
17) Hexachloroethane	8.73	117	18242	4.74	ng/ul	90
20) Nitrobenzene	8.89	77	47819	4.54	ng/ul	97
21) Isophorone	9.40	82	82706	4.38	ng/ul	99
23) 2-Nitrophenol	9.59	139	19646	4.26	ng/ul	97
24) 2,4-Dimethylphenol	9.65	107	45597	4.42	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.88	93	47799	4.37	ng/ul	99
27) 2,4-Dichlorophenol	10.13	162	35668	4.26	ng/ul	99
28) Naphthalene	10.50	128	125331	4.70	ng/ul	98
31) Hexachlorobutadiene	10.77	225	32723	4.86	ng/ul	95
33) 4-Chloro-3-methylphenol	11.77	107	37403	4.14	ng/ul	91
34) 2-Methylnaphthalene	12.12	142	90489	4.71	ng/ul	100
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	55815	4.74	ng/ul	96
38) 2,4,6-Trichlorophenol	12.76	196	29336	4.33	ng/ul	96
39) 2,4,5-Trichlorophenol	12.84	196	32753	4.55	ng/ul	91
40) 1,1'-Biphenyl	13.14	154	117984	4.73	ng/ul	97
41) 2-Chloronaphthalene	13.19	162	90994	4.74	ng/ul	97
42) 2-Nitroaniline	13.43	65	23148	4.01	ng/ul	97
44) Dimethylphthalate	13.78	163	110880	4.55	ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	18840	3.96	ng/ul	96
47) Acenaphthylene	14.03	152	136856	4.54	ng/ul	99

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49) Acenaphthene	14.37	153	97692	4.72	ng/ul	97
53) Dibenzofuran	14.72	168	141245	4.71	ng/ul	100
54) 2,4-Dinitrotoluene	14.73	165	28462	3.99	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.96	232	27637	4.04	ng/ul	97
56) Diethylphthalate	15.14	149	109824	4.49	ng/ul	98
58) Fluorene	15.37	166	114149	4.65	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.36	204	60769	4.62	ng/ul	93
64) N-Nitrosodiphenylamine	15.59	169	92536	4.46	ng/ul	99
65) 4-Bromophenyl-phenylether	16.26	248	37932	4.49	ng/ul	93
66) Hexachlorobenzene	16.37	284	44220	4.68	ng/ul	96
69) Phenanthrene	17.11	178	183114	4.69	ng/ul	98
71) Anthracene	17.20	178	179872	4.55	ng/ul	99
73) Di-n-butylphthalate	18.03	149	166395	4.20	ng/ul	99
77) Pyrene	19.50	202	232060	4.68	ng/ul	98
78) Butylbenzylphthalate	20.40	149	72071	3.95	ng/ul	99
80) Benzo(a)anthracene	21.24	228	241379	4.65	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.17	149	106835	4.00	ng/ul	97
82) Chrysene	21.30	228	234333	4.67	ng/ul	99
85) Benzo(b)fluoranthene	22.83	252	257117	4.64	ng/ul	99
86) Benzo(k)fluoranthene	22.87	252	244284	4.56	ng/ul	99
88) Benzo(a)pyrene	23.40	252	241819	4.49	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.73	276	299555	4.57	ng/ul	99
90) Dibenzo(a,h)anthracene	25.74	278	248872	4.51	ng/ul	99
91) Benzo(g,h,i)perylene	26.42	276	252794	4.64	ng/ul	98

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

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