

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042517\
 Data File : BM009700.D
 Acq On : 25 Apr 2017 09:51
 Operator : SJ/MA
 Sample : SSTD00522
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD00522

Quant Time: Apr 25 13:08:36 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 25 11:49:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	110116	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	480305	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	335075	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	843837	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1166588	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	1103953	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	4534	1.52	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	7.35	132	35027	5.02	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.99	128	18159	4.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	16785	4.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	36309	4.69	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.88	166	137533	5.09	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	159446	4.66	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.47	176	124600	5.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.32	188	205048	5.02	ng/ul	0.00
76) Pyrene-d10	19.62	212	238012	4.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	251731	5.04	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.34	88	6517	1.86	ng/uL#	60
10) 2-Chlorophenol	7.39	128	35878	4.92	ng/ul#	69
15) N-Nitroso-di-n-propylamine	8.63	70	42602	5.69	ng/ul#	85
17) Hexachloroethane	8.90	117	17506	4.96	ng/ul	94
20) Nitrobenzene	9.03	77	61424	5.03	ng/ul#	88
21) Isophorone	9.55	82	106233	5.32	ng/ul#	91
23) 2-Nitrophenol	9.75	139	19975	4.57	ng/ul#	51
24) 2,4-Dimethylphenol	9.79	107	51949	5.05	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.03	93	66173	5.51	ng/ul	95
27) 2,4-Dichlorophenol	10.27	162	38467	4.94	ng/ul#	88
28) Naphthalene	10.67	128	128869	5.14	ng/ul#	96
31) Hexachlorobutadiene	10.95	225	29231	5.04	ng/ul#	85
33) 4-Chloro-3-methylphenol	11.90	107	45023	5.14	ng/ul	95
34) 2-Methylnaphthalene	12.29	142	94825	5.35	ng/ul	91
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	54012	4.38	ng/ul#	96
38) 2,4,6-Trichlorophenol	12.90	196	35489	4.50	ng/ul	94
39) 2,4,5-Trichlorophenol	12.97	196	35649	4.47	ng/ul	95
40) 1,1'-Biphenyl	13.30	154	132633	4.72	ng/ul	92
41) 2-Chloronaphthalene	13.35	162	100342	4.52	ng/ul	95
42) 2-Nitroaniline	13.56	65	38660	4.56	ng/ul#	75
44) Dimethylphthalate	13.93	163	135913	5.00	ng/ul	100
45) 2,6-Dinitrotoluene	14.06	165	25528	4.70	ng/ul#	79
47) Acenaphthylene	14.19	152	161227	4.70	ng/ul	98

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49) Acenaphthene	14.53	153	111350	4.82	ng/ul	97
53) Dibenzofuran	14.87	168	164992	4.96	ng/ul	89
54) 2,4-Dinitrotoluene	14.85	165	38418	4.78	ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	15.10	232	34415	4.70	ng/ul	94
56) Diethylphthalate	15.29	149	157077	5.65	ng/ul#	96
58) Fluorene	15.52	166	140475	5.10	ng/ul#	95
59) 4-Chlorophenyl-phenylether	15.52	204	72846	5.08	ng/ul	94
64) N-Nitrosodiphenylamine	15.73	169	122350	4.74	ng/ul	96
65) 4-Bromophenyl-phenylether	16.41	248	44977	4.64	ng/ul	89
66) Hexachlorobenzene	16.52	284	50172	4.71	ng/ul	94
69) Phenanthrene	17.26	178	233233	4.93	ng/ul	100
71) Anthracene	17.36	178	241414	4.90	ng/ul	96
73) Di-n-butylphthalate	18.18	149	250298	4.78	ng/ul	98
77) Pyrene	19.64	202	312146	4.71	ng/ul#	91
78) Butylbenzylphthalate	20.53	149	121549	4.44	ng/ul	90
80) Benzo(a)anthracene	21.39	228	329475	4.82	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.30	149	186620	4.61	ng/ul	95
82) Chrysene	21.44	228	301478	4.90	ng/ul	99
85) Benzo(b)fluoranthene	23.02	252	337364	4.97	ng/ul#	95
86) Benzo(k)fluoranthene	23.06	252	305207	4.72	ng/ul#	98
88) Benzo(a)pyrene	23.61	252	310525	4.74	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	26.07	276	342274	4.47	ng/ul#	88
90) Dibenzo(a,h)anthracene	26.07	278	287807	4.45	ng/ul#	95
91) Benzo(g,h,i)perylene	26.79	276	278709	4.46	ng/ul#	89

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

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