

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041416\
 Data File : BM004947.D
 Acq On : 14 Apr 2016 17:24
 Operator : UM/SJ
 Sample : SSTD00544
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD00544

Quant Time: Apr 15 00:33:33 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM041416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 15 00:10:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	64235	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	290505	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	184424	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	412965	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	392585	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	372630	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	2158	1.44	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	19037	4.50	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.97	128	9419	4.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	10412	4.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	20171	4.81	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.86	166	66847	4.73	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	78525	4.62	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.44	176	58598	4.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.29	188	88217	4.88	ng/ul	0.00
76) Pyrene-d10	19.59	212	89431	5.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	74418	4.63	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.35	88	4245	2.14	ng/uL#	93
10) 2-Chlorophenol	7.37	128	19813	4.46	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.61	70	16431	4.63	ng/ul	97
17) Hexachloroethane	8.89	117	7811	4.59	ng/ul	93
20) Nitrobenzene	9.01	77	22537	4.64	ng/ul	99
21) Isophorone	9.53	82	44506	4.65	ng/ul	99
23) 2-Nitrophenol	9.72	139	11282	4.58	ng/ul	93
24) 2,4-Dimethylphenol	9.77	107	23237	4.50	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.01	93	28565	4.78	ng/ul	98
27) 2,4-Dichlorophenol	10.25	162	20288	4.70	ng/ul	96
28) Naphthalene	10.65	128	68254	4.75	ng/ul	100
31) Hexachlorobutadiene	10.93	225	13347	5.03	ng/ul	99
33) 4-Chloro-3-methylphenol	11.89	107	22987	4.69	ng/ul	95
34) 2-Methylnaphthalene	12.26	142	50828	4.77	ng/ul	100
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	25798	4.58	ng/ul	96
38) 2,4,6-Trichlorophenol	12.87	196	17261	4.66	ng/ul	98
39) 2,4,5-Trichlorophenol	12.95	196	18245	4.49	ng/ul	98
40) 1,1'-Biphenyl	13.28	154	67807	4.63	ng/ul	100
41) 2-Chloronaphthalene	13.32	162	51092	4.63	ng/ul	99
42) 2-Nitroaniline	13.53	65	13672	4.32	ng/ul	97
44) Dimethylphthalate	13.90	163	66257	4.62	ng/ul	99
45) 2,6-Dinitrotoluene	14.02	165	11637	4.14	ng/ul#	87
47) Acenaphthylene	14.17	152	86083	4.76	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

49) Acenaphthene	14.51	153	56483	4.69	ng/ul	98
53) Dibenzofuran	14.84	168	81847	4.68	ng/ul	99
54) 2,4-Dinitrotoluene	14.82	165	16963	4.07	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.07	232	15458	4.37	ng/ul#	99
56) Diethylphthalate	15.27	149	66097	4.59	ng/ul	99
58) Fluorene	15.50	166	66056	4.79	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.49	204	32978	4.88	ng/ul	99
64) N-Nitrosodiphenylamine	15.70	169	56222	4.78	ng/ul	98
65) 4-Bromophenyl-phenylether	16.39	248	19759	4.86	ng/ul	96
66) Hexachlorobenzene	16.50	284	22459	4.87	ng/ul	99
69) Phenanthrene	17.23	178	103320	4.68	ng/ul	99
71) Anthracene	17.33	178	104229	4.71	ng/ul	100
73) Di-n-butylphthalate	18.16	149	107774	4.67	ng/ul	100
77) Pyrene	19.62	202	114117	5.15	ng/ul	99
78) Butylbenzylphthalate	20.52	149	40625	4.43	ng/ul	99
80) Benzo(a)anthracene	21.37	228	103249	4.73	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.29	149	56392	4.34	ng/ul	98
82) Chrysene	21.42	228	98036	4.74	ng/ul	99
85) Benzo(b)fluoranthene	22.98	252	97539	4.68	ng/ul	100
86) Benzo(k)fluoranthene	23.03	252	94484	4.74	ng/ul	99
88) Benzo(a)pyrene	23.57	252	92192	4.58	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.99	276	100858	4.25	ng/ul	99
90) Dibenzo(a,h)anthracene	26.00	278	84290	4.27	ng/ul	96
91) Benzo(g,h,i)perylene	26.70	276	83401	4.11	ng/ul	99

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

