

Data Path : Z:\HPCHEM1\BNA M\Data\BM050516\
 Data File : BM005234.D
 Acq On : 05 May 2016 12:57
 Operator : UM/SJ
 Sample : SSTD04043
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD04043

Quant Time: May 05 13:42:38 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 05 13:39:01 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	84562	20.00	ng/ul	0.00
18) Naphthalene-d8	10.563	136	403635	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.416	164	251460	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.169	188	619996	20.00	ng/ul	0.00
75) Chrysene-d12	21.362	240	654734	20.00	ng/ul	0.00
83) Perylene-d12	23.639	264	679108	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	27933	16.90	ng/uL	0.00
5) Phenol-d5	6.946	99	311622	43.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.110	67	176761	43.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.310	132	238066	42.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.487	113	258926	43.00	ng/ul	0.00
19) Nitrobenzene-d5	8.934	128	122067	44.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.651	143	139600	46.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.187	165	251376	43.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.704	131	319946	45.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.828	166	810084	40.93	ng/ul	0.00
46) Acenaphthylene-d8	14.110	160	949365	40.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.633	143	154681	44.63	ng/ul	0.00
57) Fluorene-d10	15.416	176	679698	38.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylph...	15.545	200	149006	43.78	ng/ul	0.00
70) Anthracene-d10	17.269	188	1063154	38.25	ng/ul	0.00
76) Pyrene-d10	19.568	212	1216425	42.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.498	264	1202409	39.87	ng/ul	0.00
Target Compounds						
						Ovalue
2) 1,4-Dioxane	3.305	88	50901	16.57	ng/uL	99
4) Benzaldehyde	6.922	77	169654	48.90	ng/ul	98
6) Phenol	6.975	94	319063	42.50	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.204	93	241856	42.53	ng/ul	99
10) 2-Chlorophenol	7.340	128	240670	41.96	ng/ul	97
11) 2-Methylphenol	8.216	108	250854	43.56	ng/ul	97
12) 2,2'-oxybis(1-Chloropr...	8.310	45	330391	44.43	ng/ul	98
14) Acetophenone	8.598	105	370892	40.45	ng/ul	100
15) N-Nitroso-di-n-propyla...	8.587	70	193546	43.00	ng/ul	97
16) 4-Methylphenol	8.546	108	273782	42.33	ng/ul	99
17) Hexachloroethane	8.846	117	89667	40.01	ng/ul	97
20) Nitrobenzene	8.975	77	291849	42.80	ng/ul	97
21) Isophorone	9.498	82	577750	44.71	ng/ul	99
23) 2-Nitrophenol	9.681	139	146919	44.66	ng/ul	99
24) 2,4-Dimethylphenol	9.740	107	297922	40.85	ng/ul	100
25) Bis(2-Chloroethoxy)met...	9.981	93	343635	42.27	ng/ul	99
27) 2,4-Dichlorophenol	10.216	162	254999	42.46	ng/ul	98
28) Naphthalene	10.616	128	792956	38.83	ng/ul	99
30) 4-Chloroaniline	10.728	127	320811	44.41	ng/ul	99
31) Hexachlorobutadiene	10.892	225	145369	37.17	ng/ul	99
32) Caprolactam	11.504	113	54124	25.82	ng/ul	97
33) 4-Chloro-3-methylphenol	11.857	107	305943	43.61	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) 2-Methylnaphthalene	12.228	142	590164	38.89	ng/ul	99
36) 1,2,4,5-Tetrachloroben...	12.604	216	308575	40.34	ng/ul	98
37) Hexachlorocyclopentadiene	12.575	237	165875	39.11	ng/ul	96
38) 2,4,6-Trichlorophenol	12.845	196	214651	44.57	ng/ul	95
39) 2,4,5-Trichlorophenol	12.916	196	239902	44.34	ng/ul	98
40) 1,1'-Biphenyl	13.245	154	790207	40.21	ng/ul	99
41) 2-Chloronaphthalene	13.286	162	607593	40.47	ng/ul	98
42) 2-Nitroaniline	13.504	65	205060	51.01	ng/ul	96
44) Dimethylphthalate	13.875	163	793709	39.79	ng/ul	99
45) 2,6-Dinitrotoluene	14.004	165	174443	46.79	ng/ul#	88
47) Acenaphthylene	14.139	152	979969	39.27	ng/ul	99
48) 3-Nitroaniline	14.333	138	181153	46.50	ng/ul	98
49) Acenaphthene	14.480	153	638866	38.70	ng/ul	99
50) 2,4-Dinitrophenol	14.539	184	96796	46.32	ng/ul	94
52) 4-Nitrophenol	14.651	109	126938	40.75	ng/ul	97
53) Dibenzofuran	14.816	168	930477	38.11	ng/ul	99
54) 2,4-Dinitrotoluene	14.792	165	255030	43.76	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.051	232	202175	42.59	ng/ul#	100
56) Diethylphthalate	15.245	149	817513	40.56	ng/ul	99
58) Fluorene	15.469	166	709743	36.94	ng/ul	100
59) 4-Chlorophenyl-phenyle...	15.463	204	352607	36.88	ng/ul	99
60) 4-Nitroaniline	15.504	138	186037	42.96	ng/ul	97
63) 4,6-Dinitro-2-methylph...	15.557	198	156691	43.71	ng/ul#	92
64) N-Nitrosodiphenylamine	15.680	169	662167	39.28	ng/ul	99
65) 4-Bromophenyl-phenylether	16.357	248	235524	39.85	ng/ul	98
66) Hexachlorobenzene	16.474	284	263031	38.96	ng/ul	99
67) Atrazine	16.633	200	260164	42.35	ng/ul	97
68) Pentachlorophenol	16.821	266	155897	42.07	ng/ul	98
69) Phenanthrene	17.210	178	1254576	37.70	ng/ul	99
71) Anthracene	17.304	178	1252211	37.46	ng/ul	100
72) Carbazole	17.574	167	1181972	40.67	ng/ul	100
73) Di-n-butylphthalate	18.133	149	1409761	42.89	ng/ul	100
74) Fluoranthene	19.227	202	1504599	40.49	ng/ul	99
77) Pyrene	19.598	202	1495200	40.49	ng/ul	99
78) Butylbenzylphthalate	20.492	149	685781	49.43	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.280	252	492093	42.60	ng/ul	99
80) Benzo(a)anthracene	21.351	228	1482911	39.72	ng/ul	99
81) Bis(2-ethylhexyl)phtha...	21.268	149	913304	46.20	ng/ul	97
82) Chrysene	21.404	228	1409938	39.28	ng/ul	99
84) Di-n-octyl phthalate	22.156	149	1717400	42.67	ng/ul	98
85) Benzo(b)fluoranthene	22.956	252	1595664	39.71	ng/ul	99
86) Benzo(k)fluoranthene	23.003	252	1451729	37.12	ng/ul	99
88) Benzo(a)pyrene	23.545	252	1471288	38.75	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.950	276	1617052	42.34	ng/ul	99
90) Dibenzo(a,h)anthracene	25.962	278	1346332	42.09	ng/ul	99
91) Benzo(g,h,i)perylene	26.656	276	1401939	44.41	ng/ul	99

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

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