

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM082316\
 Data File : BM007246.D
 Acq On : 23 Aug 2016 11:23
 Operator : UM/SJ
 Sample : SSTD02058
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02058

Quant Time: Aug 23 12:07:19 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 23 12:03:44 2016
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	160190	20.00	ng/ul	0.00
18) Naphthalene-d8	10.586	136	797088	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.433	164	578621	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.180	188	1539534	20.00	ng/ul	0.00
75) Chrysene-d12	21.362	240	2171963	20.00	ng/ul	0.00
83) Perylene-d12	23.632	264	2426450	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	24674	6.73	ng/uL	0.00
5) Phenol-d5	6.969	99	299618	23.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.139	67	164586	22.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.334	132	222558	21.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.504	113	264090	24.73	ng/ul	0.00
19) Nitrobenzene-d5	8.957	128	119151	20.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.675	143	138720	22.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.210	165	279083	21.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.722	131	363963	23.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.845	166	1024522	21.43	ng/ul	0.00
46) Acenaphthylene-d8	14.127	160	1192011	20.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.633	143	196543	22.94	ng/ul	0.00
57) Fluorene-d10	15.427	176	896468	21.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylph...	15.551	200	195848	23.02	ng/ul	0.00
70) Anthracene-d10	17.274	188	1500173	21.03	ng/ul	0.00
76) Pyrene-d10	19.568	212	1870819	20.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.485	264	2295070	20.68	ng/ul	0.00
Target Compounds						
						Ovalue
2) 1,4-Dioxane	3.346	88	27331	7.17	ng/uL	98
4) Benzaldehyde	6.951	77	196090	25.14	ng/ul	96
6) Phenol	6.998	94	314126	22.98	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.228	93	225055	22.31	ng/ul	96
10) 2-Chlorophenol	7.369	128	234350	22.17	ng/ul	99
11) 2-Methylphenol	8.239	108	244655	23.80	ng/ul	98
12) 2,2'-oxybis(1-Chloropr...	8.333	45	255828	22.14	ng/ul	99
14) Acetophenone	8.622	105	418661	25.46	ng/ul	95
15) N-Nitroso-di-n-propyla...	8.604	70	223246	26.09	ng/ul	97
16) 4-Methylphenol	8.569	108	278149	24.80	ng/ul	100
17) Hexachloroethane	8.875	117	90240	20.45	ng/ul	98
20) Nitrobenzene	8.998	77	308221	20.69	ng/ul	100
21) Isophorone	9.516	82	635809	22.78	ng/ul	99
23) 2-Nitrophenol	9.704	139	155216	22.94	ng/ul	96
24) 2,4-Dimethylphenol	9.763	107	337661	21.78	ng/ul	99
25) Bis(2-Chloroethoxy)met...	9.998	93	356960	21.30	ng/ul	97
27) 2,4-Dichlorophenol	10.233	162	280071	21.70	ng/ul	99
28) Naphthalene	10.639	128	819912	20.77	ng/ul	100
30) 4-Chloroaniline	10.745	127	379755	24.02	ng/ul	99
31) Hexachlorobutadiene	10.922	225	187841	19.69	ng/ul	94
32) Caprolactam	11.504	113	77511	17.73	ng/ul	99
33) 4-Chloro-3-methylphenol	11.874	107	351282	24.91	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) 2-Methylnaphthalene	12.251	142	669812	22.01	ng/ul	99
36) 1,2,4,5-Tetrachloroben...	12.621	216	397120	19.41	ng/ul	97
37) Hexachlorocyclopentadiene	12.598	237	231311	17.75	ng/ul	97
38) 2,4,6-Trichlorophenol	12.863	196	283115	21.57	ng/ul	99
39) 2,4,5-Trichlorophenol	12.933	196	290026	21.11	ng/ul	98
40) 1,1'-Biphenyl	13.263	154	925057	19.93	ng/ul	98
41) 2-Chloronaphthalene	13.304	162	725136	19.91	ng/ul	99
42) 2-Nitroaniline	13.515	65	239915	22.95	ng/ul	98
44) Dimethylphthalate	13.892	163	1036553	21.69	ng/ul	100
45) 2,6-Dinitrotoluene	14.010	165	213960	23.04	ng/ul	95
47) Acenaphthylene	14.157	152	1234675	20.88	ng/ul	99
48) 3-Nitroaniline	14.339	138	227599	24.78	ng/ul	99
49) Acenaphthene	14.498	153	799983	20.84	ng/ul	98
50) 2,4-Dinitrophenol	14.545	184	130667	23.73	ng/ul	87
52) 4-Nitrophenol	14.651	109	207808	23.86	ng/ul	90
53) Dibenzofuran	14.833	168	1195039	20.98	ng/ul	98
54) 2,4-Dinitrotoluene	14.798	165	324477	23.68	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.062	232	303890	22.88	ng/ul#	97
56) Diethylphthalate	15.257	149	1077682	21.38	ng/ul	98
58) Fluorene	15.480	166	987305	21.49	ng/ul	99
59) 4-Chlorophenyl-phenyle...	15.480	204	515010	21.23	ng/ul	99
60) 4-Nitroaniline	15.504	138	254559	23.64	ng/ul	94
63) 4,6-Dinitro-2-methylph...	15.562	198	209272	22.61	ng/ul	98
64) N-Nitrosodiphenylamine	15.692	169	901944	20.70	ng/ul	99
65) 4-Bromophenyl-phenylether	16.368	248	363184	20.83	ng/ul	97
66) Hexachlorobenzene	16.486	284	402280	20.39	ng/ul	99
67) Atrazine	16.639	200	396245	22.56	ng/ul	98
68) Pentachlorophenol	16.827	266	256221	21.11	ng/ul	99
69) Phenanthrene	17.221	178	1721448	20.79	ng/ul	100
71) Anthracene	17.309	178	1785135	21.01	ng/ul	99
72) Carbazole	17.580	167	1619404	22.12	ng/ul	100
73) Di-n-butylphthalate	18.145	149	1959565	21.90	ng/ul	99
74) Fluoranthene	19.233	202	2292707	22.83	ng/ul	100
77) Pyrene	19.597	202	2419764	20.15	ng/ul	98
78) Butylbenzylphthalate	20.497	149	999067	21.40	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.280	252	988403	23.56	ng/ul	99
80) Benzo(a)anthracene	21.344	228	2640217	20.57	ng/ul	100
81) Bis(2-ethylhexyl)phtha...	21.274	149	1463767	21.19	ng/ul	100
82) Chrysene	21.397	228	2417348	20.61	ng/ul	99
84) Di-n-octyl phthalate	22.162	149	2691273	21.50	ng/ul	99
85) Benzo(b)fluoranthene	22.950	252	3050841	20.87	ng/ul	99
86) Benzo(k)fluoranthene	22.991	252	2732512	19.91	ng/ul	100
88) Benzo(a)pyrene	23.538	252	2867926	20.70	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.926	276	3511140	20.67	ng/ul	100
90) Dibenzo(a,h)anthracene	25.938	278	2931594	20.57	ng/ul	99
91) Benzo(g,h,i)perylene	26.632	276	2973847	20.72	ng/ul	98

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

