

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031517\
 Data File : BM009264.D
 Acq On : 15 Mar 2017 13:56
 Operator : SJ/MA
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02038

Quant Time: Mar 16 01:19:03 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 16 01:18:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	104854	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	492574	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	364866	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	1002298	20.00	ng/ul	0.00
77) Chrysene-d12	21.44	240	1541906	20.00	ng/ul	0.00
85) Perylene-d12	23.77	264	1550544	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	17192	7.22	ng/uL	0.00
5) Phenol-d5	7.03	99	193061	17.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	138983	18.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	126277	18.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	158765	17.54	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	64922	18.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	69847	17.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	158509	19.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	198985	20.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	606455	21.88	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	709261	22.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	109276	19.86	ng/ul	0.00
57) Fluorene-d10	15.51	176	558648	22.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	104634	17.45	ng/ul	0.00
70) Anthracene-d10	17.36	188	941916	19.86	ng/ul	0.00
78) Pyrene-d10	19.66	212	1194080	19.19	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.63	264	1396608	19.69	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.38	88	21029	8.33 ng/ul#	72
4) Benzaldehyde	7.02	77	153923	20.25 ng/ul#	80
6) Phenol	7.06	94	218114	18.01 ng/ul#	80
8) Bis(2-Chloroethyl)ether	7.30	93	157501	18.15 ng/ul#	75
10) 2-Chlorophenol	7.43	128	133564	18.68 ng/ul#	70
11) 2-Methylphenol	8.31	108	152282	17.35 ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.41	45	277098	19.17 ng/ul#	85
14) Acetophenone	8.70	105	272347	17.92 ng/ul#	78
15) N-Nitroso-di-n-propylamine	8.67	70	164461	17.65 ng/ul#	77
16) 4-Methylphenol	8.64	108	168770	16.96 ng/ul	91
17) Hexachloroethane	8.95	117	59128	18.89 ng/ul	99
20) Nitrobenzene	9.08	77	232883	19.85 ng/ul#	77
21) Isophorone	9.60	82	433354	18.68 ng/ul#	91
23) 2-Nitrophenol	9.79	139	79819	18.78 ng/ul#	60
24) 2,4-Dimethylphenol	9.84	107	210921	19.34 ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.09	93	241482	18.98 ng/ul#	96
27) 2,4-Dichlorophenol	10.32	162	157453	19.07 ng/ul	93
28) Naphthalene	10.73	128	486716	19.27 ng/ul	99
30) 4-Chloroaniline	10.84	127	210815	20.00 ng/ul	94
31) Hexachlorobutadiene	11.00	225	111958	19.67 ng/ul	98
32) Caprolactam	11.62	113	62483	18.12 ng/ul#	51
33) 4-Chloro-3-methylphenol	11.95	107	214606	19.81 ng/ul	90
34) 2-Methylnaphthalene	12.33	142	398332	19.81 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	234352	21.36	ng/ul	96
37) Hexachlorocyclopentadiene	12.67	237	121684	19.61	ng/ul	97
38) 2,4,6-Trichlorophenol	12.95	196	147115	21.14	ng/ul	98
39) 2,4,5-Trichlorophenol	13.01	196	169239	21.23	ng/ul	92
40) 1,1'-Biphenyl	13.34	154	556529	21.77	ng/ul#	96
41) 2-Chloronaphthalene	13.39	162	447638	22.63	ng/ul	94
42) 2-Nitroaniline	13.60	65	173162	21.31	ng/ul#	71
44) Dimethylphthalate	13.97	163	605994	21.80	ng/ul	99
45) 2,6-Dinitrotoluene	14.10	165	113665	21.26	ng/ul#	76
47) Acenaphthylene	14.24	152	711420	22.30	ng/ul	99
48) 3-Nitroaniline	14.43	138	123989	21.77	ng/ul#	71
49) Acenaphthene	14.58	153	495075	22.06	ng/ul	96
50) 2,4-Dinitrophenol	14.63	184	65535	18.70	ng/ul#	87
52) 4-Nitrophenol	14.72	109	136688	21.27	ng/ul#	70
53) Dibenzofuran	14.92	168	741963	22.43	ng/ul	92
54) 2,4-Dinitrotoluene	14.89	165	182420	22.14	ng/ul#	65
55) 2,3,4,6-Tetrachlorophenol	15.14	232	170384	22.27	ng/ul	89
56) Diethylphthalate	15.33	149	651762	22.39	ng/ul	98
58) Fluorene	15.57	166	637393	22.33	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.56	204	335646	22.88	ng/ul	90
60) 4-Nitroaniline	15.59	138	147772	22.86	ng/ul#	61
63) 4,6-Dinitro-2-methylphenol	15.64	198	118079	18.75	ng/ul#	87
64) N-Nitrosodiphenylamine	15.77	169	567424	20.15	ng/ul	99
65) 4-Bromophenyl-phenylether	16.45	248	210213	19.41	ng/ul#	88
66) Hexachlorobenzene	16.56	284	232128	19.27	ng/ul	97
67) Atrazine	16.72	200	220813	18.75	ng/ul	95
68) Pentachlorophenol	16.91	266	137649	17.39	ng/ul	98
69) Phenanthrene	17.30	178	1109480	19.89	ng/ul	98
71) Anthracene	17.40	178	1139987	20.04	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.31	216	233467	19.83	ng/uL	93
73) Pentachlorobenzene	14.83	250	245567	19.42	ng/uL	99
74) Carbazole	17.67	167	1047673	19.73	ng/ul	99
75) Di-n-butylphthalate	18.22	149	1155392	18.88	ng/ul#	98
76) Fluoranthene	19.32	202	1445327	20.56	ng/ul	96
79) Pvrene	19.68	202	1538678	19.21	ng/ul	100
80) Butylbenzylphthalate	20.57	149	562726	17.48	ng/ul#	76
81) 3,3'-Dichlorobenzidine	21.36	252	579020	19.83	ng/ul	98
82) Benzo(a)anthracene	21.42	228	1709515	19.40	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.33	149	837384	16.71	ng/ul	98
84) Chrysene	21.47	228	1608805	19.35	ng/ul	98
86) Di-n-octyl phthalate	22.24	149	1543391	18.51	ng/ul#	88
87) Benzo(b)fluoranthene	23.06	252	1769241	19.31	ng/ul#	97
88) Benzo(k)fluoranthene	23.11	252	1747921	19.95	ng/ul#	98
90) Benzo(a)pyrene	23.67	252	1756478	19.72	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	26.16	276	2040360	19.09	ng/ul#	92
92) Dibenzo(a,h)anthracene	26.17	278	1725373	19.09	ng/ul#	93
93) Benzo(g,h,i)perylene	26.89	276	1716262	19.40	ng/ul#	92

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

