

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100117\
 Data File : BM011833.D
 Acq On : 02 Oct 2017 05:44
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02007

Manual Integrations
 APPROVED

Sohil
 10/2/2017 5:52:29 PM

Quant Time: Oct 02 07:15:24 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 02 04:55:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	114751	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	561719	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	357022	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	898891	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	1224064	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	1224824	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	19287	7.49	ng/uL	0.00
5) Phenol-d5	7.03	99	214370	18.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	163919	20.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	170405	20.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	177658	20.10	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	84645	19.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	92002	19.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	176384	19.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	230583	23.38	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	594140	19.40	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	713332	19.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	103059	19.69	ng/ul	0.00
57) Fluorene-d10	15.51	176	520991	19.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	104939	17.23	ng/ul	0.00
70) Anthracene-d10	17.36	188	860178	18.80	ng/ul	0.00
76) Pyrene-d10	19.65	212	1086550	18.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	1138780	19.42	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.33	88	22380	7.813	ng/uL 91
4) Benzaldehyde	7.02	77	132631	23.963	ng/ul 97
6) Phenol	7.06	94	220683	19.333	ng/ul# 91
8) Bis(2-Chloroethyl)ether	7.30	93	168349	19.183	ng/ul# 74
10) 2-Chlorophenol	7.44	128	159608	19.481	ng/ul# 81
11) 2-Methylphenol	8.32	108	161611	19.280	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.42	45	432580	23.014	ng/ul# 95
14) Acetophenone	8.70	105	290615	20.458	ng/ul# 86
15) N-Nitroso-di-n-propylamine	8.69	70	171216	21.354	ng/ul 89
16) 4-Methylphenol	8.65	108	182332	19.788	ng/ul 89
17) Hexachloroethane	8.96	117	75377	20.864	ng/ul# 71
20) Nitrobenzene	9.09	77	254619	21.113	ng/ul 95
21) Isophorone	9.61	82	450111	19.897	ng/ul# 97
23) 2-Nitrophenol	9.80	139	95758	19.680	ng/ul# 83
24) 2,4-Dimethylphenol	9.85	107	228754	20.651	ng/ul 95
25) Bis(2-Chloroethoxy)methane	10.09	93	251863	19.229	ng/ul 92
27) 2,4-Dichlorophenol	10.33	162	171360	20.201	ng/ul# 88
28) Naphthalene	10.73	128	557788	18.999	ng/ul 99
30) 4-Chloroaniline	10.85	127	221282	23.203	ng/ul 92
31) Hexachlorobutadiene	11.01	225	121520	20.350	ng/ul# 92
32) Caprolactam	11.63	113	56629m	20.605	ng/ul
33) 4-Chloro-3-methylphenol	11.96	107	204450	21.289	ng/ul 97
34) 2-Methylnaphthalene	12.35	142	411607	19.777	ng/ul 99

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36) 1,2,4,5-Tetrachlorobenzene	12.71	216	231523	19.183	ng/ul#	95
37) Hexachlorocyclopentadiene	12.69	237	131320	16.929	ng/ul	98
38) 2,4,6-Trichlorophenol	12.95	196	152374	19.660	ng/ul	96
39) 2,4,5-Trichlorophenol	13.02	196	155143	19.336	ng/ul	99
40) 1,1'-Biphenyl	13.35	154	539568	18.350	ng/ul#	98
41) 2-Chloronaphthalene	13.40	162	423492	18.795	ng/ul	96
42) 2-Nitroaniline	13.60	65	180918	21.835	ng/ul#	78
44) Dimethylphthalate	13.97	163	570883	19.493	ng/ul	99
45) 2,6-Dinitrotoluene	14.10	165	109349	20.275	ng/ul#	75
47) Acenaphthylene	14.25	152	707065	19.034	ng/ul	99
48) 3-Nitroaniline	14.43	138	108185	19.615	ng/ul#	96
49) Acenaphthene	14.59	153	480990	19.013	ng/ul	98
50) 2,4-Dinitrophenol	14.63	184	62500	17.654	ng/ul#	47
52) 4-Nitrophenol	14.73	109	120283	23.496	ng/ul	92
53) Dibenzofuran	14.92	168	675236	19.433	ng/ul	92
54) 2,4-Dinitrotoluene	14.89	165	161073	20.930	ng/ul#	71
55) 2,3,4,6-Tetrachlorophenol	15.15	232	155279	20.980	ng/ul#	82
56) Diethylphthalate	15.33	149	625902	20.324	ng/ul#	91
58) Fluorene	15.57	166	585222	19.891	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.56	204	303300	20.501	ng/ul	92
60) 4-Nitroaniline	15.59	138	113728	18.791	ng/ul#	76
63) 4,6-Dinitro-2-methylphenol	15.64	198	107761	17.429	ng/ul#	88
64) N-Nitrosodiphenylamine	15.77	169	476895	17.948	ng/ul	97
65) 4-Bromophenyl-phenylether	16.45	248	177900	17.993	ng/ul#	89
66) Hexachlorobenzene	16.57	284	205643	18.719	ng/ul#	85
67) Atrazine	16.72	200	191362	18.576	ng/ul	98
68) Pentachlorophenol	16.91	266	126692	17.518	ng/ul	98
69) Phenanthrene	17.30	178	929769	18.481	ng/ul	99
71) Anthracene	17.40	178	972022	18.752	ng/ul	97
72) Carbazole	17.66	167	812316	17.888	ng/ul	97
73) Di-n-butylphthalate	18.22	149	1109073	18.964	ng/ul	99
74) Fluoranthene	19.32	202	1196475	19.479	ng/ul#	92
77) Pyrene	19.68	202	1326692	18.188	ng/ul#	93
78) Butylbenzylphthalate	20.56	149	548740	17.998	ng/ul#	92
79) 3,3'-Dichlorobenzidine	21.35	252	401473	17.249	ng/ul#	95
80) Benzo(a)anthracene	21.42	228	1394674	20.365	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.33	149	832466	18.292	ng/ul#	94
82) Chrysene	21.47	228	1270534	19.671	ng/ul	98
84) Di-n-octyl phthalate	22.23	149	1507079	15.920	ng/ul#	76
85) Benzo(b)fluoranthene	23.06	252	1409642	19.506	ng/ul#	96
86) Benzo(k)fluoranthene	23.10	252	1352472	18.345	ng/ul#	97
88) Benzo(a)pyrene	23.66	252	1344956	19.269	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.14	276	1505206	20.712	ng/ul#	93
90) Dibenzo(a,h)anthracene	26.15	278	1259582	20.695	ng/ul#	95
91) Benzo(g,h,i)perylene	26.88	276	1242168	20.593	ng/ul#	94

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

