

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
 Data File : BM012103.D
 Acq On : 12 Oct 2017 17:08
 Operator : SJ/JU
 Sample : SSTD04046
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD04046

Manual Integrations
 APPROVED

Sohil
 10/15/2017 12:36:10 PM

Quant Time: Oct 12 18:07:28 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 17:32:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	200766	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	878978	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	548132	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1291714	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1509510	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1571368	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	64719	15.25	ng/uL	0.00
5) Phenol-d5	7.00	99	664823	38.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	397746	38.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	571638	41.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	584125	39.12	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	271331	43.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	327163	46.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	616190	43.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	612680	39.41	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1926430	40.55	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	2334032	41.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	313361	37.76	ng/ul	0.00
57) Fluorene-d10	15.48	176	1589795	37.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	362447	41.70	ng/ul	0.00
70) Anthracene-d10	17.33	188	2548279	40.03	ng/ul	0.00
76) Pyrene-d10	19.62	212	2918120	42.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	3027248	40.05	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.28	88	66212	15.35 ng/uL#	69
4) Benzaldehyde	6.97	77	459022	53.33 ng/ul	90
6) Phenol	7.03	94	686581	40.17 ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.26	93	513856	40.04 ng/ul	95
10) 2-Chlorophenol	7.40	128	579377	42.79 ng/ul	96
11) 2-Methylphenol	8.28	108	523415	40.26 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.37	45	660632	40.25 ng/ul#	87
14) Acetophenone	8.66	105	872730	39.94 ng/ul	90
15) N-Nitroso-di-n-propylamine	8.65	70	473406	42.34 ng/ul#	70
16) 4-Methylphenol	8.61	108	585406	40.23 ng/ul	93
17) Hexachloroethane	8.91	117	239636	44.11 ng/ul	82
20) Nitrobenzene	9.05	77	670203	44.32 ng/ul	95
21) Isophorone	9.57	82	1268656	44.99 ng/ul#	93
23) 2-Nitrophenol	9.76	139	345876	46.68 ng/ul#	76
24) 2,4-Dimethylphenol	9.81	107	684669	43.08 ng/ul#	87
25) Bis(2-Chloroethoxy)methane	10.05	93	738940	42.67 ng/ul	95
27) 2,4-Dichlorophenol	10.29	162	600822	43.70 ng/ul#	91
28) Naphthalene	10.69	128	1804132	40.92 ng/ul	100
30) 4-Chloroaniline	10.80	127	601388	39.42 ng/ul	96
31) Hexachlorobutadiene	10.96	225	427919	42.42 ng/ul	94
32) Caprolactam	11.60	113	206047m	45.71 ng/ul	
33) 4-Chloro-3-methylphenol	11.93	107	640859	42.88 ng/ul	95
34) 2-Methylnaphthalene	12.30	142	1375688	40.92 ng/ul	97

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36) 1,2,4,5-Tetrachlorobenzene	12.67	216	773195	41.58	ng/ul	98
37) Hexachlorocyclopentadiene	12.64	237	326156	30.14	ng/ul	98
38) 2,4,6-Trichlorophenol	12.92	196	529105	44.80	ng/ul	95
39) 2,4,5-Trichlorophenol	12.99	196	550850	44.32	ng/ul	98
40) 1,1'-Biphenyl	13.32	154	1812358	41.36	ng/ul	99
41) 2-Chloronaphthalene	13.36	162	1422580	41.48	ng/ul	98
42) 2-Nitroaniline	13.57	65	433765	49.83	ng/ul	92
44) Dimethylphthalate	13.94	163	1929813	42.23	ng/ul	99
45) 2,6-Dinitrotoluene	14.07	165	404784	46.98	ng/ul	91
47) Acenaphthylene	14.21	152	2286949	42.25	ng/ul	99
48) 3-Nitroaniline	14.40	138	324847	40.58	ng/ul	86
49) Acenaphthene	14.55	153	1524205	40.69	ng/ul	99
50) 2,4-Dinitrophenol	14.62	184	236577	41.54	ng/ul	97
52) 4-Nitrophenol	14.72	109	281140	42.38	ng/ul#	79
53) Dibenzofuran	14.89	168	2205628	40.57	ng/ul	99
54) 2,4-Dinitrotoluene	14.86	165	593613	46.59	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.12	232	509587	41.98	ng/ul#	90
56) Diethylphthalate	15.30	149	1995135	43.01	ng/ul	94
58) Fluorene	15.53	166	1849318	40.74	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.52	204	975885	40.65	ng/ul	96
60) 4-Nitroaniline	15.56	138	415594	44.57	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.63	198	378737	42.65	ng/ul	91
64) N-Nitrosodiphenylamine	15.74	169	1594683	42.74	ng/ul	99
65) 4-Bromophenyl-phenylether	16.42	248	613836	42.42	ng/ul	95
66) Hexachlorobenzene	16.54	284	689604	42.63	ng/ul#	92
67) Atrazine	16.69	200	676157	45.77	ng/ul	94
68) Pentachlorophenol	16.89	266	397286	39.04	ng/ul	98
69) Phenanthrene	17.27	178	2907709	40.92	ng/ul	99
71) Anthracene	17.37	178	3045373	42.12	ng/ul	99
72) Carbazole	17.64	167	2593719	41.42	ng/ul	99
73) Di-n-butylphthalate	18.19	149	3528940	47.03	ng/ul#	98
74) Fluoranthene	19.29	202	3617550	41.73	ng/ul#	89
77) Pyrene	19.66	202	3773176	45.08	ng/ul#	91
78) Butylbenzylphthalate	20.53	149	1712032	52.22	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.33	252	1241911	44.19	ng/ul#	96
80) Benzo(a)anthracene	21.40	228	3834248	44.34	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	2529668	51.86	ng/ul#	97
82) Chrysene	21.44	228	3544773	43.14	ng/ul	99
84) Di-n-octyl phthalate	22.20	149	4374809	47.65	ng/ul	99
85) Benzo(b)fluoranthene	23.03	252	4071480	42.63	ng/ul#	97
86) Benzo(k)fluoranthene	23.07	252	3785338	39.70	ng/ul#	97
88) Benzo(a)pyrene	23.63	252	3834202	41.78	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.11	276	4295436	43.74	ng/ul#	90
90) Dibenzo(a,h)anthracene	26.11	278	3596606	44.57	ng/ul#	95
91) Benzo(g,h,i)perylene	26.84	276	3464016	42.64	ng/ul#	95

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

