

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042517\
 Data File : BM009701.D
 Acq On : 25 Apr 2017 10:26
 Operator : SJ/MA
 Sample : SSTD01023
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD01023

Manual Integrations
 APPROVED

mohammad
 4/26/2017 2:19:34 PM

Quant Time: Apr 25 13:05:35 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 25 12:00:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	108435	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	482784	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	331439	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	837974	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1149219	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	1108815	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	9666	3.28	ng/uL	0.00
5) Phenol-d5	6.99	99	107549	10.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	77747	11.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	68836	10.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	80110	10.97	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	38262	10.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	39736	10.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	79744	10.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	82947	10.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	282893	10.58	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	334187	9.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	48409	10.09	ng/ul	0.00
57) Fluorene-d10	15.47	176	258735	11.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	49137	9.20	ng/ul	0.00
70) Anthracene-d10	17.32	188	412419	10.16	ng/ul	0.00
76) Pyrene-d10	19.62	212	482220	9.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	515394	10.28	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.34	88	11585	3.35 ng/uL#	62
4) Benzaldehyde	6.97	77	79455	13.00 ng/ul	87
6) Phenol	7.02	94	110069	10.31 ng/ul#	69
8) Bis(2-Chloroethyl)ether	7.26	93	88877	10.87 ng/ul#	78
10) 2-Chlorophenol	7.39	128	71366	9.94 ng/ul#	81
11) 2-Methylphenol	8.26	108	79467	10.64 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.36	45	150609	11.27 ng/ul#	97
14) Acetophenone	8.65	105	140899	11.28 ng/ul#	71
15) N-Nitroso-di-n-propylamine	8.63	70	91372	12.38 ng/ul#	82
16) 4-Methylphenol	8.59	108	87207	10.69 ng/ul	98
17) Hexachloroethane	8.90	117	32870	9.46 ng/ul	83
20) Nitrobenzene	9.03	77	128125	10.44 ng/ul#	87
21) Isophorone	9.55	82	222086	11.07 ng/ul#	94
23) 2-Nitrophenol	9.75	139	44065	10.03 ng/ul#	51
24) 2,4-Dimethylphenol	9.79	107	110905	10.72 ng/ul#	79
25) Bis(2-Chloroethoxy)methane	10.03	93	125348	10.38 ng/ul#	94
27) 2,4-Dichlorophenol	10.27	162	78127	9.99 ng/ul#	89
28) Naphthalene	10.67	128	252042	10.00 ng/ul	97
30) 4-Chloroaniline	10.79	127	85273	10.43 ng/ul	97
31) Hexachlorobutadiene	10.94	225	56264	9.64 ng/ul	91
32) Caprolactam	11.57	113	29865m	11.70 ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	99837	11.35 ng/ul	92
34) 2-Methylnaphthalene	12.29	142	193827	10.88 ng/ul	99

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36) 1,2,4,5-Tetrachlorobenzene	12.66	216	108074	8.87	ng/ul	97
37) Hexachlorocyclopentadiene	12.62	237	45578	6.87	ng/ul#	91
38) 2,4,6-Trichlorophenol	12.90	196	72021	9.24	ng/ul	88
39) 2,4,5-Trichlorophenol	12.97	196	74893	9.50	ng/ul	89
40) 1,1'-Biphenyl	13.30	154	264431	9.52	ng/ul	98
41) 2-Chloronaphthalene	13.35	162	204452	9.32	ng/ul	93
42) 2-Nitroaniline	13.56	65	82240	9.80	ng/ul#	83
44) Dimethylphthalate	13.93	163	283700	10.55	ng/ul	98
45) 2,6-Dinitrotoluene	14.06	165	52936	9.86	ng/ul#	79
47) Acenaphthylene	14.20	152	333296	9.82	ng/ul	99
48) 3-Nitroaniline	14.39	138	45701	8.62	ng/ul#	88
49) Acenaphthene	14.54	153	228255	9.99	ng/ul	97
50) 2,4-Dinitrophenol	14.60	184	27590	8.29	ng/ul#	70
52) 4-Nitrophenol	14.69	109	59808	10.68	ng/ul#	73
53) Dibenzofuran	14.87	168	339331	10.32	ng/ul	91
54) 2,4-Dinitrotoluene	14.85	165	80931	10.18	ng/ul#	77
55) 2,3,4,6-Tetrachlorophenol	15.10	232	73409	10.13	ng/ul#	96
56) Diethylphthalate	15.29	149	309039	11.25	ng/ul	98
58) Fluorene	15.52	166	283466	10.39	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.52	204	149241	10.53	ng/ul	96
60) 4-Nitroaniline	15.56	138	62380	10.74	ng/ul#	35
63) 4,6-Dinitro-2-methylphenol	15.61	198	51706	9.20	ng/ul#	94
64) N-Nitrosodiphenylamine	15.73	169	251092	9.80	ng/ul	98
65) 4-Bromophenyl-phenylether	16.41	248	92826	9.63	ng/ul#	89
66) Hexachlorobenzene	16.52	284	100445	9.50	ng/ul	90
67) Atrazine	16.68	200	96427	9.70	ng/ul#	93
68) Pentachlorophenol	16.87	266	50746	7.79	ng/ul	93
69) Phenanthrene	17.26	178	469637	9.99	ng/ul	99
71) Anthracene	17.36	178	482316	9.85	ng/ul	96
72) Carbazole	17.63	167	427677	9.94	ng/ul	98
73) Di-n-butylphthalate	18.18	149	516645	9.93	ng/ul	98
74) Fluoranthene	19.28	202	569816	9.77	ng/ul#	90
77) Pyrene	19.64	202	610971	9.36	ng/ul#	92
78) Butylbenzylphthalate	20.53	149	249462	9.26	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.32	252	193732	8.30	ng/ul	98
80) Benzo(a)anthracene	21.39	228	663216	9.86	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	379449	9.52	ng/ul	99
82) Chrysene	21.44	228	595882	9.83	ng/ul	99
84) Di-n-octyl phthalate	22.19	149	659650	8.94	ng/ul	95
85) Benzo(b)fluoranthene	23.02	252	682182	10.00	ng/ul#	98
86) Benzo(k)fluoranthene	23.06	252	631107	9.71	ng/ul#	98
88) Benzo(a)pyrene	23.62	252	637534	9.70	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.07	276	727627	9.47	ng/ul#	91
90) Dibenzo(a,h)anthracene	26.07	278	614981	9.47	ng/ul#	95
91) Benzo(g,h,i)perylene	26.80	276	596629	9.50	ng/ul#	91

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

