

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
 Data File : BM009862.D
 Acq On : 02 May 2017 10:25
 Operator : SJ/MA
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02044

Manual Integrations
 APPROVED

mohammad
 5/4/2017 12:26:43 PM

Quant Time: May 02 14:13:00 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 02 01:45:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	198773	20.00	ng/ul	0.01
18) Naphthalene-d8	10.62	136	862101	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.48	164	526194	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.23	188	1163818	20.00	ng/ul	0.02
75) Chrysene-d12	21.42	240	1113540	20.00	ng/ul	0.03
83) Perylene-d12	23.75	264	984770	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	32751	7.59	ng/uL	0.00
5) Phenol-d5	7.02	99	402000	18.62	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.16	67	265969	18.06	ng/ul	0.01
9) 2-Chlorophenol-d4	7.36	132	276820	20.15	ng/ul	0.02
13) 4-Methylphenol-d8	8.55	113	309687	18.40	ng/ul	0.04
19) Nitrobenzene-d5	9.00	128	136538	19.46	ng/ul	0.02
22) 2-Nitrophenol-d4	9.72	143	155972	21.13	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.26	165	301598	20.43	ng/ul	0.04
29) 4-Chloroaniline-d4	10.77	131	363419	20.43	ng/ul	0.02
43) Dimethylphthalate-d6	13.88	166	846023	18.48	ng/ul	0.01
46) Acenaphthylene-d8	14.17	160	1101533	19.95	ng/ul	0.02
51) 4-Nitrophenol-d4	14.73	143	106471	12.06	ng/ul	0.05
57) Fluorene-d10	15.47	176	773689	18.73	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.62	200	93469	11.38	ng/ul	0.03
70) Anthracene-d10	17.33	188	1170918	19.60	ng/ul	0.02
76) Pyrene-d10	19.63	212	1158494	23.57	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.60	264	942801	19.69	ng/ul	0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	37083	6.97	ng/uL#	70
4) Benzaldehyde	6.97	77	244706	17.40	ng/ul#	85
6) Phenol	7.05	94	408066	18.28	ng/ul#	68
8) Bis(2-Chloroethyl)ether	7.25	93	300986	17.96	ng/ul	84
10) 2-Chlorophenol	7.40	128	281270	20.00	ng/ul#	74
11) 2-Methylphenol	8.29	108	291717	18.16	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.35	45	523690	18.71	ng/ul	96
14) Acetophenone	8.65	105	497054	17.95	ng/ul#	75
15) N-Nitroso-di-n-propylamine	8.63	70	301330	17.52	ng/ul#	86
16) 4-Methylphenol	8.62	108	327865	18.44	ng/ul	100
17) Hexachloroethane	8.89	117	127369	19.50	ng/ul	94
20) Nitrobenzene	9.04	77	450801	19.78	ng/ul#	90
21) Isophorone	9.56	82	758166	18.79	ng/ul#	95
23) 2-Nitrophenol	9.75	139	158150	19.67	ng/ul#	57
24) 2,4-Dimethylphenol	9.81	107	382624	19.14	ng/ul	86
25) Bis(2-Chloroethoxy)methane	10.03	93	429700	18.37	ng/ul	98
27) 2,4-Dichlorophenol	10.29	162	291328	20.02	ng/ul#	91
28) Naphthalene	10.67	128	882624	19.22	ng/ul	99
30) 4-Chloroaniline	10.80	127	353567	19.90	ng/ul	94
31) Hexachlorobutadiene	10.93	225	202702	19.94	ng/ul	98
32) Caprolactam	11.61	113	94802m	17.25	ng/ul	
33) 4-Chloro-3-methylphenol	11.95	107	344870	19.02	ng/ul#	85
34) 2-Methylnaphthalene	12.29	142	653379	18.51	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	377393	21.15	ng/ul#	96
37) Hexachlorocyclopentadiene	12.62	237	36096	3.79	ng/ul#	93
38) 2,4,6-Trichlorophenol	12.92	196	253746	20.94	ng/ul	96
39) 2,4,5-Trichlorophenol	13.00	196	253405	20.28	ng/ul	95
40) 1,1'-Biphenyl	13.30	154	866125	20.01	ng/ul	94
41) 2-Chloronaphthalene	13.35	162	686077	20.61	ng/ul	96
42) 2-Nitroaniline	13.57	65	289653	20.43	ng/ul#	74
44) Dimethylphthalate	13.93	163	844311	18.64	ng/ul	98
45) 2,6-Dinitrotoluene	14.07	165	181864	20.00	ng/ul#	76
47) Acenaphthylene	14.20	152	1068621	19.63	ng/ul	99
48) 3-Nitroaniline	14.40	138	182587	20.33	ng/ul#	85
49) Acenaphthene	14.54	153	720067	19.45	ng/ul	100
50) 2,4-Dinitrophenol	14.63	184	45167	7.45	ng/ul#	77
52) 4-Nitrophenol	14.75	109	126297	12.48	ng/ul#	71
53) Dibenzofuran	14.88	168	1050842	19.38	ng/ul	89
54) 2,4-Dinitrotoluene	14.86	165	258258	18.84	ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	15.12	232	192684	15.90	ng/ul#	96
56) Diethylphthalate	15.29	149	874576	17.71	ng/ul	98
58) Fluorene	15.53	166	855400	18.48	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.52	204	440936	18.39	ng/ul#	91
60) 4-Nitroaniline	15.57	138	177630	16.95	ng/ul#	35
63) 4,6-Dinitro-2-methylphenol	15.63	198	94450	11.15	ng/ul	90
64) N-Nitrosodiphenylamine	15.74	169	724075	20.28	ng/ul	99
65) 4-Bromophenyl-phenylether	16.42	248	270133	20.32	ng/ul#	89
66) Hexachlorobenzene	16.53	284	297412	20.44	ng/ul	93
67) Atrazine	16.69	200	273297	19.07	ng/ul	97
68) Pentachlorophenol	16.89	266	72140	8.05	ng/ul	91
69) Phenanthrene	17.27	178	1292160	19.31	ng/ul	99
71) Anthracene	17.37	178	1356270	19.38	ng/ul	97
72) Carbazole	17.64	167	1136394	18.04	ng/ul	98
73) Di-n-butylphthalate	18.18	149	1537238	20.04	ng/ul#	97
74) Fluoranthene	19.29	202	1435239	17.02	ng/ul#	91
77) Pyrene	19.66	202	1452807	23.10	ng/ul#	90
78) Butylbenzylphthalate	20.54	149	673311	25.82	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.33	252	316832	15.38	ng/ul	98
80) Benzo(a)anthracene	21.40	228	1288197	19.51	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	950434	24.05	ng/ul	99
82) Chrysene	21.46	228	1164765	19.60	ng/ul	99
84) Di-n-octyl phthalate	22.20	149	1533368	21.31	ng/ul	94
85) Benzo(b)fluoranthene	23.04	252	1211789	18.95	ng/ul#	96
86) Benzo(k)fluoranthene	23.09	252	1175112	20.06	ng/ul#	95
88) Benzo(a)pyrene	23.64	252	1173040	19.72	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.13	276	1351876	20.99	ng/ul#	90
90) Dibenzo(a,h)anthracene	26.13	278	1152390	21.00	ng/ul#	91
91) Benzo(g,h,i)perylene	26.87	276	1125257	21.73	ng/ul#	93

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

