

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
 Data File : BM008798.D
 Acq On : 22 Jan 2017 08:28
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02034

Manual Integrations
 APPROVED

mohammad
 1/23/2017 2:49:24 PM

Quant Time: Jan 23 06:27:54 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 23 04:58:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	67613	20.00	ng/ul	0.00
18) Naphthalene-d8	10.75	136	282620	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.58	164	236288	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	576770m	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	726143	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	631192	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	11296	7.72	ng/uL	0.00
5) Phenol-d5	7.10	99	117836	21.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.27	67	91061	24.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.48	132	80453	20.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	88558	20.56	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	38511	22.08	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.83	143	46545	24.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	97224	22.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	110106	22.77	ng/ul	0.00
43) Dimethylphthalate-d6	13.99	166	336086	21.56	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	388652	21.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	55594	21.80	ng/ul	0.00
57) Fluorene-d10	15.57	176	313647	21.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	67391	22.67	ng/ul	0.00
70) Anthracene-d10	17.42	188	525556	21.15	ng/ul	0.00
76) Pyrene-d10	19.70	212	641649	20.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	569849	22.13	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.44	88	16406	9.43 ng/uL#	58
4) Benzaldehyde	7.09	77	118582	29.30 ng/ul#	74
6) Phenol	7.12	94	126721	21.23 ng/ul#	51
8) Bis(2-Chloroethyl)ether	7.37	93	96510	22.05 ng/ul#	77
10) 2-Chlorophenol	7.51	128	80528	20.32 ng/ul#	68
11) 2-Methylphenol	8.38	108	90349	20.60 ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.48	45	178207	26.31 ng/ul#	90
14) Acetophenone	8.77	105	166277	21.97 ng/ul#	69
15) N-Nitroso-di-n-propylamine	8.76	70	106221	24.72 ng/ul#	75
16) 4-Methylphenol	8.70	108	100016	21.12 ng/ul	96
17) Hexachloroethane	9.03	117	45556	21.69 ng/ul	95
20) Nitrobenzene	9.16	77	168287	27.18 ng/ul#	81
21) Isophorone	9.68	82	266656	24.35 ng/ul#	92
23) 2-Nitrophenol	9.86	139	47466	23.41 ng/ul#	24
24) 2,4-Dimethylphenol	9.92	107	138590	24.13 ng/ul#	80
25) Bis(2-Chloroethoxy)methane	10.16	93	133699	23.08 ng/ul	95
27) 2,4-Dichlorophenol	10.39	162	94244	21.81 ng/ul#	90
28) Naphthalene	10.80	128	276232	21.39 ng/ul	98
30) 4-Chloroaniline	10.91	127	114409	23.09 ng/ul	91
31) Hexachlorobutadiene	11.07	225	88414	22.82 ng/ul	95
32) Caprolactam	11.69	113	27132m	20.51 ng/ul	
33) 4-Chloro-3-methylphenol	12.02	107	123676	23.82 ng/ul#	86
34) 2-Methylnaphthalene	12.40	142	216730	21.65 ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.77	216	150811	21.30	ng/ul#	95
37) Hexachlorocyclopentadiene	12.75	237	107339	21.31	ng/ul	95
38) 2,4,6-Trichlorophenol	13.00	196	87697	20.51	ng/ul	88
39) 2,4,5-Trichlorophenol	13.07	196	98200	21.31	ng/ul	94
40) 1,1'-Biphenyl	13.42	154	308450	20.81	ng/ul	96
41) 2-Chloronaphthalene	13.46	162	247101	21.25	ng/ul	97
42) 2-Nitroaniline	13.66	65	119538	29.54	ng/ul#	66
44) Dimethylphthalate	14.03	163	328650	21.09	ng/ul	99
45) 2,6-Dinitrotoluene	14.16	165	63156	23.22	ng/ul#	60
47) Acenaphthylene	14.30	152	377259	20.92	ng/ul	98
48) 3-Nitroaniline	14.49	138	62610	22.72	ng/ul#	68
49) Acenaphthene	14.64	153	260364	20.88	ng/ul	97
50) 2,4-Dinitrophenol	14.69	184	38765	20.52	ng/ul#	36
52) 4-Nitrophenol	14.77	109	109180	25.74	ng/ul#	67
53) Dibenzofuran	14.97	168	407786	21.49	ng/ul	88
54) 2,4-Dinitrotoluene	14.94	165	94891	23.03	ng/ul#	77
55) 2,3,4,6-Tetrachlorophenol	15.20	232	101049	23.19	ng/ul#	95
56) Diethylphthalate	15.39	149	359466	21.92	ng/ul	98
58) Fluorene	15.63	166	341848	21.98	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.62	204	203642	23.09	ng/ul	94
60) 4-Nitroaniline	15.64	138	70655	23.46	ng/ul#	23
63) 4,6-Dinitro-2-methylphenol	15.69	198	69175	22.00	ng/ul#	70
64) N-Nitrosodiphenylamine	15.83	169	301087	20.79	ng/ul	98
65) 4-Bromophenyl-phenylether	16.51	248	127031m	21.26	ng/ul	
66) Hexachlorobenzene	16.62	284	140058	20.94	ng/ul	91
67) Atrazine	16.77	200	138460	21.53	ng/ul	94
68) Pentachlorophenol	16.96	266	90638	21.54	ng/ul	97
69) Phenanthrene	17.36	178	589588m	21.24	ng/ul	
71) Anthracene	17.46	178	604306	21.18	ng/ul	98
72) Carbazole	17.72	167	528670	20.82	ng/ul	98
73) Di-n-butylphthalate	18.27	149	628895	21.07	ng/ul#	96
74) Fluoranthene	19.37	202	765632	21.45	ng/ul#	96
77) Pyrene	19.73	202	790462	20.24	ng/ul#	94
78) Butylbenzylphthalate	20.62	149	294329	20.49	ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.40	252	292325	21.12	ng/ul	99
80) Benzo(a)anthracene	21.47	228	822246	21.36	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.39	149	416680	20.72	ng/ul	100
82) Chrysene	21.52	228	771756	21.60	ng/ul	99
84) Di-n-octyl phthalate	22.30	149	700563	21.31	ng/ul#	84
85) Benzo(b)fluoranthene	23.13	252	765011	22.73	ng/ul#	97
86) Benzo(k)fluoranthene	23.17	252	724424	22.27	ng/ul#	98
88) Benzo(a)pyrene	23.74	252	703697	21.92	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.26	276	733962	20.17	ng/ul#	91
90) Dibenzo(a,h)anthracene	26.27	278	629208	20.23	ng/ul#	95
91) Benzo(g,h,i)perylene	27.00	276	605852	19.62	ng/ul#	93

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

