

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
 Data File : BG017897.D
 Acq On : 15 Jul 2015 23:02
 Operator : TP/UM
 Sample : SSTDC0020
 Misc : MDL-WATER-SVOC-8PPM
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02011

Manual Integrations
 APPROVED

apatel
 7/16/2015 4:37:36 PM

Quant Time: Jul 16 03:38:48 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 16 01:50:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	89060	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	417777	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	257934	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	553078	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	570291	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	529743	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	17178	6.90	ng/uL	0.00
5) Phenol-d5	6.76	99	140103	18.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	79510	15.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	118630	19.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	114822	19.50	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	60259	18.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	52742	21.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	109430	21.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	156776	21.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	357214	19.86	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	452702	19.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	65243	19.22	ng/ul	0.00
57) Fluorene-d10	15.24	176	328331	19.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	44503	17.20	ng/ul	0.00
70) Anthracene-d10	17.09	188	487909	19.47	ng/ul	0.00
78) Pyrene-d10	19.40	212	538041	20.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	507230	19.53	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.15	88	16982m	6.38	ng/ul
4) Benzaldehyde	6.73	77	62188	13.82	ng/ul
6) Phenol	6.79	94	150571	17.88	ng/ul
8) Bis(2-Chloroethyl)ether	7.02	93	118869	17.30	ng/ul
10) 2-Chlorophenol	7.15	128	120998	20.08	ng/ul
11) 2-Methylphenol	8.03	108	116412	19.02	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.13	45	146755	14.70	ng/ul
14) Acetophenone	8.40	105	179154	18.28	ng/ul
15) N-Nitroso-di-n-propylamine	8.39	70	99362	16.45	ng/ul
16) 4-Methylphenol	8.35	108	129873	19.47	ng/ul
17) Hexachloroethane	8.65	117	48891	17.00	ng/ul#
20) Nitrobenzene	8.78	77	135728	15.78	ng/ul#
21) Isophorone	9.30	82	270898	16.83	ng/ul
23) 2-Nitrophenol	9.49	139	64182	22.08	ng/ul#
24) 2,4-Dimethylphenol	9.55	107	137428	18.49	ng/ul
25) Bis(2-Chloroethoxy)methane	9.79	93	155240	17.16	ng/ul
27) 2,4-Dichlorophenol	10.02	162	112162	22.15	ng/ul
28) Naphthalene	10.42	128	403532	18.67	ng/ul
30) 4-Chloroaniline	10.53	127	157937	21.03	ng/ul
31) Hexachlorobutadiene	10.70	225	64575	20.24	ng/ul#
32) Caprolactam	11.27	113	77359	20.85	ng/ul#
33) 4-Chloro-3-methylphenol	11.67	107	124259	19.99	ng/ul#
34) 2-Methylnaphthalene	12.04	142	287592	19.62	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	124851	18.39	ng/ul	97
37) Hexachlorocyclopentadiene	12.40	237	63653	18.05	ng/ul	96
38) 2,4,6-Trichlorophenol	12.67	196	76972	20.91	ng/ul	89
39) 2,4,5-Trichlorophenol	12.73	196	88407	22.02	ng/ul	97
40) 1,1'-Biphenyl	13.07	154	370282	18.55	ng/ul#	96
41) 2-Chloronaphthalene	13.11	162	288744	18.84	ng/ul	95
42) 2-Nitroaniline	13.32	65	76595	17.04	ng/ul#	81
44) Dimethylphthalate	13.71	163	375474	19.88	ng/ul	100
45) 2,6-Dinitrotoluene	13.82	165	70820	20.58	ng/ul	90
47) Acenaphthylene	13.96	152	482916	18.69	ng/ul	98
48) 3-Nitroaniline	14.15	138	74731	19.05	ng/ul	96
49) Acenaphthene	14.31	153	319715	18.39	ng/ul	97
50) 2,4-Dinitrophenol	14.36	184	24112	16.62	ng/ul#	82
52) 4-Nitrophenol	14.47	109	50970	17.72	ng/ul	85
53) Dibenzofuran	14.65	168	439799	19.21	ng/ul	95
54) 2,4-Dinitrotoluene	14.62	165	99998	20.26	ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	14.88	232	70112	22.62	ng/ul#	87
56) Diethylphthalate	15.08	149	391715	20.15	ng/ul	98
58) Fluorene	15.30	166	381919	19.21	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.30	204	179950	19.49	ng/ul	94
60) 4-Nitroaniline	15.32	138	80427	17.21	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.38	198	50871	17.63	ng/ul#	84
64) N-Nitrosodiphenylamine	15.52	169	317139	18.83	ng/ul	99
65) 4-Bromophenyl-phenylether	16.19	248	106669	20.10	ng/ul	89
66) Hexachlorobenzene	16.30	284	112035	19.45	ng/ul	95
67) Atrazine	16.47	200	119982	20.77	ng/ul	92
68) Pentachlorophenol	16.65	266	51449	18.02	ng/ul	95
69) Phenanthrene	17.04	178	585008	19.16	ng/ul	99
71) Anthracene	17.13	178	595582	19.05	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	129285	18.37	ng/uL	92
73) Pentachlorobenzene	14.57	250	132473	19.62	ng/uL	96
74) Carbazole	17.40	167	552628	20.26	ng/ul	99
75) Di-n-butylphthalate	17.98	149	707004	20.66	ng/ul#	97
76) Fluoranthene	19.07	202	658537	21.23	ng/ul	97
79) Pyrene	19.43	202	690227	19.66	ng/ul	98
80) Butylbenzylphthalate	20.35	149	290791	20.49	ng/ul	90
81) 3,3'-Dichlorobenzidine	21.12	252	177115	20.73	ng/ul	97
82) Benzo(a)anthracene	21.18	228	626229	19.89	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	402574	20.47	ng/ul	93
84) Chrysene	21.23	228	595350	19.70	ng/ul	98
86) Di-n-octyl phthalate	22.00	149	628549	20.25	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	602907	20.63	ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	596048m	19.79	ng/ul	
90) Benzo(a)pyrene	23.32	252	576407	19.63	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.66	276	621166	19.77	ng/ul	94
92) Dibenzo(a,h)anthracene	25.68	278	532140	19.91	ng/ul	97
93) Benzo(g,h,i)perylene	26.35	276	522094	19.86	ng/ul	99

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

