

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072516\
 Data File : BG023256.D
 Acq On : 25 Jul 2016 17:58
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc : MDL 4PPM
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02012

Manual Integrations

APPROVED
 SOHIL
 7/26/2016 11:40:55 AM

Quant Time: Jul 25 18:32:51 2016

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072016.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Jul 21 04:24:30 2016

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	141621	20.00	ng/ul	0.02
18) Naphthalene-d8	10.99	136	688405	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.82	164	482462	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.58	188	1122058	20.00	ng/ul	0.01
75) Chrysene-d12	21.90	240	1125829	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	1123778	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	25784	8.23	ng/uL	0.00
5) Phenol-d5	7.30	99	289198	19.81	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.47	67	199046	20.57	ng/ul	0.01
9) 2-Chlorophenol-d4	7.68	132	234778	23.94	ng/ul	0.01
13) 4-Methylphenol-d8	8.87	113	222414	19.58	ng/ul	0.02
19) Nitrobenzene-d5	9.33	128	104134	18.91	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	116828	18.16	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.61	165	225087	18.62	ng/ul	0.01
29) 4-Chloroaniline-d4	11.13	131	308272	24.63	ng/ul	0.02
43) Dimethylphthalate-d6	14.22	166	774427	19.31	ng/ul	0.01
46) Acenaphthylene-d8	14.52	160	939112	20.60	ng/ul	0.01
51) 4-Nitrophenol-d4	15.03	143	124192	17.54	ng/ul	0.01
57) Fluorene-d10	15.82	176	713056	19.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.93	200	146411	18.96	ng/ul	0.01
70) Anthracene-d10	17.68	188	1091915	20.79	ng/ul	0.00
76) Pyrene-d10	19.96	212	1183369	20.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	1030929	19.54	ng/ul	0.02

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.54	88	32180	9.60 ng/uL	94
4) Benzaldehyde	7.28	77	202264	22.31 ng/ul#	85
6) Phenol	7.33	94	311155	20.48 ng/ul#	66
8) Bis(2-Chloroethyl)ether	7.57	93	232477	20.35 ng/ul	90
10) 2-Chlorophenol	7.71	128	242440m	24.06 ng/ul	
11) 2-Methylphenol	8.60	108	223849	19.94 ng/ul	85
12) 2,2'-oxybis(1-Chloropropan	8.69	45	330293	21.37 ng/ul#	94
14) Acetophenone	8.99	105	391045	19.78 ng/ul#	76
15) N-Nitroso-di-n-propylamine	8.97	70	240850	18.46 ng/ul#	83
16) 4-Methylphenol	8.93	108	256088	20.49 ng/ul	99
17) Hexachloroethane	9.25	117	94553	19.83 ng/ul	95
20) Nitrobenzene	9.38	77	338340	19.03 ng/ul#	83
21) Isophorone	9.90	82	625591	18.45 ng/ul#	94
23) 2-Nitrophenol	10.09	139	130262	18.99 ng/ul#	47
24) 2,4-Dimethylphenol	10.15	107	297322	18.86 ng/ul	87
25) Bis(2-Chloroethoxy)methane	10.38	93	362217	19.32 ng/ul	95
27) 2,4-Dichlorophenol	10.64	162	227216	18.99 ng/ul#	92
28) Naphthalene	11.05	128	701363	20.26 ng/ul	99
30) 4-Chloroaniline	11.16	127	275336	21.28 ng/ul	95
31) Hexachlorobutadiene	11.32	225	174224	18.11 ng/ul	99
32) Caprolactam	11.91	113	88390m	17.81 ng/ul	
33) 4-Chloro-3-methylphenol	12.27	107	279576m	17.79 ng/ul	
34) 2-Methylnaphthalene	12.65	142	563703	19.68 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.01	216	314883	19.56	ng/ul	94
37) Hexachlorocyclopentadiene	12.99	237	192290	18.36	ng/ul	99
38) 2,4,6-Trichlorophenol	13.25	196	206572	18.54	ng/ul	96
39) 2,4,5-Trichlorophenol	13.33	196	212013	18.65	ng/ul	97
40) 1,1'-Biphenyl	13.65	154	743965	20.56	ng/ul	97
41) 2-Chloronaphthalene	13.69	162	591883	20.29	ng/ul	99
42) 2-Nitroaniline	13.90	65	247110	19.05	ng/ul#	60
44) Dimethylphthalate	14.26	163	798798	19.66	ng/ul	97
45) 2,6-Dinitrotoluene	14.39	165	173655	19.69	ng/ul#	87
47) Acenaphthylene	14.55	152	970590	21.02	ng/ul	98
48) 3-Nitroaniline	14.73	138	174427	23.16	ng/ul#	59
49) Acenaphthene	14.89	153	637731	20.43	ng/ul	96
50) 2,4-Dinitrophenol	14.93	184	87487	15.82	ng/ul#	75
52) 4-Nitrophenol	15.04	109	137919	16.36	ng/ul#	69
53) Dibenzofuran	15.22	168	945892	20.55	ng/ul	89
54) 2,4-Dinitrotoluene	15.18	165	247318	18.42	ng/ul#	62
55) 2,3,4,6-Tetrachlorophenol	15.45	232	196068	17.07	ng/ul	98
56) Diethylphthalate	15.63	149	818983	18.95	ng/ul	96
58) Fluorene	15.87	166	774729	20.41	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.86	204	399682	19.21	ng/ul	94
60) 4-Nitroaniline	15.90	138	189078	20.42	ng/ul#	60
63) 4,6-Dinitro-2-methylphenol	15.95	198	157421	19.28	ng/ul#	87
64) N-Nitrosodiphenylamine	16.07	169	669844	20.66	ng/ul	98
65) 4-Bromophenyl-phenylether	16.76	248	249555	19.33	ng/ul	98
66) Hexachlorobenzene	16.88	284	257865	19.50	ng/ul#	89
67) Atrazine	17.03	200	266871	19.30	ng/ul	95
68) Pentachlorophenol	17.23	266	145054	17.68	ng/ul	85
69) Phenanthrene	17.63	178	1208080	20.90	ng/ul	97
71) Anthracene	17.71	178	1273978	21.03	ng/ul	97
72) Carbazole	17.99	167	1064208	22.33	ng/ul#	97
73) Di-n-butylphthalate	18.53	149	1308374	19.80	ng/ul#	96
74) Fluoranthene	19.63	202	1388538	22.87	ng/ul#	94
77) Pyrene	20.00	202	1425679	20.83	ng/ul#	94
78) Butylbenzylphthalate	20.87	149	604396	20.33	ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.79	252	455509	20.28	ng/ul#	98
80) Benzo(a)anthracene	21.88	228	1367347	20.46	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.76	149	842764	20.75	ng/ul#	98
82) Chrysene	21.95	228	1260829	20.79	ng/ul	96
84) Di-n-octyl phthalate	23.04	149	1403590	22.54	ng/ul	100
85) Benzo(b)fluoranthene	24.22	252	1382226	20.22	ng/ul#	95
86) Benzo(k)fluoranthene	24.29	252	1333161	20.58	ng/ul#	93
88) Benzo(a)pyrene	25.15	252	1326718	20.36	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	29.22	276	1447106	19.72	ng/ul#	90
90) Dibenzo(a,h)anthracene	29.28	278	1206397	19.96	ng/ul#	90
91) Benzo(g,h,i)perylene	30.43	276	1225388	20.21	ng/ul#	86

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

