

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
 Data File : BG023529.D
 Acq On : 6 Aug 2016 19:06
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02014

Manual Integrations
 APPROVED

sohil
 8/8/2016 6:57:19 PM

Quant Time: Aug 08 02:13:25 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 01 04:44:16 2004
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	124741	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	598391	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	443032	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1076214	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1080064	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	1037357	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	23121	7.88	ng/uL	0.00
5) Phenol-d5	7.27	99	266175	21.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	168829	20.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	183066	21.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	212855	21.70	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	97565	20.69	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	114715	21.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	215566	21.10	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	272224	22.71	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	732376	20.19	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	859641	21.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	132087	21.33	ng/ul	0.00
57) Fluorene-d10	15.78	176	673436	20.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	143599	20.80	ng/ul	0.00
70) Anthracene-d10	17.65	188	1048126	21.62	ng/ul	0.00
76) Pyrene-d10	19.93	212	1155253	21.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.01	264	1008817	21.48	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.52	88	24689	8.02	ng/uL#	80
4) Benzaldehyde	7.25	77	186281	24.32	ng/ul	82
6) Phenol	7.30	94	279966m	21.39	ng/ul	
8) Bis(2-Chloroethyl)ether	7.52	93	202278	21.29	ng/ul	88
10) 2-Chlorophenol	7.68	128	184326	21.11	ng/ul#	84
11) 2-Methylphenol	8.56	108	206063	20.91	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.65	45	284568	21.89	ng/ul	99
14) Acetophenone	8.95	105	345294	21.95	ng/ul#	78
15) N-Nitroso-di-n-propylamine	8.92	70	199865	21.11	ng/ul#	88
16) 4-Methylphenol	8.89	108	230728	20.89	ng/ul	96
17) Hexachloroethane	9.21	117	77354	20.53	ng/ul	85
20) Nitrobenzene	9.33	77	278150	20.12	ng/ul#	87
21) Isophorone	9.86	82	533699	20.99	ng/ul	94
23) 2-Nitrophenol	10.06	139	122471	20.94	ng/ul#	69
24) 2,4-Dimethylphenol	10.10	107	270776	21.10	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.34	93	302766	20.64	ng/ul#	97
27) 2,4-Dichlorophenol	10.60	162	211834	20.56	ng/ul	93
28) Naphthalene	11.00	128	637030	20.97	ng/ul	99
30) 4-Chloroaniline	11.11	127	270910	22.77	ng/ul	99
31) Hexachlorobutadiene	11.28	225	141189	20.57	ng/ul	95
32) Caprolactam	11.87	113	86301m	20.17	ng/ul	
33) 4-Chloro-3-methylphenol	12.23	107	275311	20.76	ng/ul#	80
34) 2-Methylnaphthalene	12.61	142	511971	20.79	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	293119	21.55	ng/ul	99
37) Hexachlorocyclopentadiene	12.95	237	139862	18.59	ng/ul	99
38) 2,4,6-Trichlorophenol	13.21	196	196687	20.88	ng/ul	97
39) 2,4,5-Trichlorophenol	13.29	196	207693	20.57	ng/ul	93
40) 1,1'-Biphenyl	13.61	154	695545	21.36	ng/ul	99
41) 2-Chloronaphthalene	13.66	162	523234	20.67	ng/ul	97
42) 2-Nitroaniline	13.86	65	223067	21.58	ng/ul#	62
44) Dimethylphthalate	14.22	163	725507	20.20	ng/ul	99
45) 2,6-Dinitrotoluene	14.36	165	159377	20.47	ng/ul#	89
47) Acenaphthylene	14.50	152	905826	21.21	ng/ul	98
48) 3-Nitroaniline	14.69	138	159376	21.77	ng/ul#	67
49) Acenaphthene	14.84	153	598757	20.58	ng/ul	94
50) 2,4-Dinitrophenol	14.90	184	81534	16.97	ng/ul#	75
52) 4-Nitrophenol	15.00	109	129178	20.83	ng/ul#	68
53) Dibenzofuran	15.18	168	878914	20.39	ng/ul#	88
54) 2,4-Dinitrotoluene	15.14	165	238549	20.22	ng/ul#	69
55) 2,3,4,6-Tetrachlorophenol	15.41	232	211364	20.37	ng/ul	97
56) Diethylphthalate	15.58	149	752429	20.04	ng/ul	96
58) Fluorene	15.84	166	717616	19.98	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.82	204	368587	20.40	ng/ul	97
60) 4-Nitroaniline	15.86	138	178165	20.98	ng/ul#	70
63) 4,6-Dinitro-2-methylphenol	15.91	198	150690	20.79	ng/ul#	90
64) N-Nitrosodiphenylamine	16.04	169	666484	22.16	ng/ul	98
65) 4-Bromophenyl-phenylether	16.72	248	261819	21.21	ng/ul	96
66) Hexachlorobenzene	16.84	284	284540	21.64	ng/ul	96
67) Atrazine	16.99	200	272038	21.90	ng/ul	96
68) Pentachlorophenol	17.19	266	144867	19.97	ng/ul	94
69) Phenanthrene	17.59	178	1199137	21.51	ng/ul	96
71) Anthracene	17.68	178	1245280	21.90	ng/ul	98
72) Carbazole	17.95	167	1092919	23.85	ng/ul	99
73) Di-n-butylphthalate	18.49	149	1302972	22.70	ng/ul#	97
74) Fluoranthene	19.60	202	1416024	24.82	ng/ul#	93
77) Pyrene	19.96	202	1413675	21.17	ng/ul	96
78) Butylbenzylphthalate	20.84	149	573705	22.40	ng/ul#	86
79) 3,3'-Dichlorobenzidine	21.75	252	447733	23.53	ng/ul#	94
80) Benzo(a)anthracene	21.84	228	1299434	21.36	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.72	149	782162	22.97	ng/ul#	97
82) Chrysene	21.91	228	1177667	21.29	ng/ul	96
84) Di-n-octyl phthalate	22.98	149	1302065	24.85	ng/ul	100
85) Benzo(b)fluoranthene	24.16	252	1250171	21.19	ng/ul#	93
86) Benzo(k)fluoranthene	24.23	252	1267568	21.82	ng/ul#	92
88) Benzo(a)pyrene	25.08	252	1226282	21.53	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	29.11	276	1435566	21.45	ng/ul#	88
90) Dibenzo(a,h)anthracene	29.17	278	1204175	21.09	ng/ul#	91
91) Benzo(g,h,i)perylene	30.31	276	1182788	21.31	ng/ul#	86

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

