Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071415\
Data File : BG017884.D
Acq On : 15 Jul 2015 11:27
Operator : TP/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02009

Quant Time: Jul 15 17:01:32 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 07:22:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	75859	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	359053	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	207975	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	430561	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	430158	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	382332	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	15256	7.20	ng/uL	0.00
5) Phenol-d5	6.77	99	116542	17.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	83571	18.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	93040	18.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	90089	17.96	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	54521	19.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	34128	16.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	77443	17.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	125552	20.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	271482	18.72	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	362479	19.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	45060	16.47	ng/ul	0.00
57) Fluorene-d10	15.24	176	258001	19.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	27153	13.48	ng/ul	0.00
70) Anthracene-d10	17.10	188	377779	19.36	ng/ul	0.00
78) Pyrene-d10	19.40	212	408961	20.19	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	363604	19.40	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	15836	6.98	ng/uL	92
4) Benzaldehyde	6.74	77	63269	16.51	ng/ul	96
6) Phenol	6.79	94	131476	18.33	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.02	93	115110	19.67	ng/ul	95
10) 2-Chlorophenol	7.15	128	96476	18.79	ng/ul	93
11) 2-Methylphenol	8.03	108	94024	18.04	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.13	45	156950	18.45	ng/ul	98
14) Acetophenone	8.41	105	167925	20.12	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.39	70	99244	19.29	ng/ul	89
16) 4-Methylphenol	8.36	108	102563	18.05	ng/ul	89
17) Hexachloroethane	8.66	117	47419	19.35	ng/ul	95
20) Nitrobenzene	8.78	77	137359	18.59	ng/ul	92
21) Isophorone	9.30	82	260528	18.84	ng/ul	98
23) 2-Nitrophenol	9.49	139	44062	17.64	ng/ul	91
24) 2,4-Dimethylphenol	9.56	107	112635	17.63	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.79	93	146290	18.82	ng/ul	98
27) 2,4-Dichlorophenol	10.02	162	79112	18.18	ng/ul	96
28) Naphthalene	10.42	128	356741	19.20	ng/ul	98
30) 4-Chloroaniline	10.53	127	131686	20.41	ng/ul	98
31) Hexachlorobutadiene	10.71	225	52849	19.27	ng/ul	99
32) Caprolactam	11.29	113	49684	15.58	ng/ul	86
33) 4-Chloro-3-methylphenol	11.67	107	94990	17.78	ng/ul	94
34) 2-Methylnaphthalene	12.04	142	241804	19.19	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	100663	18.39	ng/ul	92
37) Hexachlorocyclopentadiene	12.40	237	47606	16.74	ng/ul#	99
38) 2,4,6-Trichlorophenol	12.66	196	52223	17.60	ng/ul	89
39) 2,4,5-Trichlorophenol	12.74	196	57117	17.64	ng/ul	97
40) 1,1'-Biphenyl	13.07	154	302853	18.82	ng/ul	97
41) 2-Chloronaphthalene	13.11	162	232665	18.83	ng/ul	98
42) 2-Nitroaniline	13.32	65	59340	16.37	ng/ul	98
44) Dimethylphthalate	13.71	163	285674	18.76	ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	54203	19.53	ng/ul	98
47) Acenaphthylene	13.96	152	391914	18.81	ng/ul	96
48) 3-Nitroaniline	14.16	138	55181	17.44	ng/ul	84
49) Acenaphthene	14.31	153	262269	18.71	ng/ul	96
50) 2,4-Dinitrophenol	14.36	184	14415	12.32	ng/ul	94
52) 4-Nitrophenol	14.47	109	38469	16.58	ng/ul	90
53) Dibenzofuran	14.64	168	351184	19.02	ng/ul	99
54) 2,4-Dinitrotoluene	14.62	165	78220	19.66	ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	14.87	232	45009	18.01	ng/ul#	99
56) Diethylphthalate	15.09	149	301940	19.26	ng/ul	99
58) Fluorene	15.30	166	305623	19.06	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.30	204	141224	18.97	ng/ul	95
60) 4-Nitroaniline	15.32	138	61022	16.20	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.38	198	34151	15.20	ng/ul#	90
64) N-Nitrosodiphenylamine	15.51	169	248187	18.93	ng/ul	97
65) 4-Bromophenyl-phenylether	16.20	248	77761	18.82	ng/ul	95
66) Hexachlorobenzene	16.30	284	83077	18.53	ng/ul	97
67) Atrazine	16.47	200	81735	18.18	ng/ul	92
68) Pentachlorophenol	16.65	266	30336	13.65	ng/ul	95
69) Phenanthrene	17.04	178	463430	19.49	ng/ul	99
71) Anthracene	17.13	178	475310	19.53	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.04	216	98234	17.93	ng/uL	91
73) Pentachlorobenzene	14.57	250	98513	18.74	ng/uL	95
74) Carbazole	17.41	167	436158	20.54	ng/ul	99
75) Di-n-butylphthalate	17.98	149	498291	18.71	ng/ul	98
76) Fluoranthene	19.07	202	512034	21.21	ng/ul	97
79) Pyrene	19.43	202	545761	20.61	ng/ul	99
80) Butylbenzylphthalate	20.35	149	175158	16.36	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.13	252	97190	15.08	ng/ul	98
82) Benzo(a)anthracene	21.18	228	469414	19.77	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	249957	16.85	ng/ul	97
84) Chrysene	21.24	228	443725	19.47	ng/ul	100
86) Di-n-octyl phthalate	22.01	149	353661	15.79	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	409640	19.42	ng/ul	97
88) Benzo(k)fluoranthene	22.79	252	439107	20.20	ng/ul	98
90) Benzo(a)pyrene	23.32	252	415728	19.62	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.67	276	449486	19.83	ng/ul	98
92) Dibenzo(a,h)anthracene	25.68	278	363469	18.84	ng/ul	98
93) Benzo(g,h,i)perylene	26.35	276	362944	19.13	ng/ul	97

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

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