Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
Data File : BG017374.D
Acq On : 1 Jun 2015 18:26
Operator : TP/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02010

Quant Time: Jun 02 06:26:25 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 02 05:29:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	19969	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	93369	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	63643	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	142802	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	149236	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	144849	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	4056	9.65	ng/uL	0.00
5) Phenol-d5	6.84	99	34523	20.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	20672	20.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	30071	22.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	31161	21.61	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	15873	21.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	17741	20.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	31097	20.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	41183	23.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	97296	21.44	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	123482	21.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	16979	19.62	ng/ul	0.00
57) Fluorene-d10	15.30	176	89323	20.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	18177	18.19	ng/ul	0.00
70) Anthracene-d10	17.15	188	135557	20.26	ng/ul	0.00
76) Pyrene-d10	19.46	212	158415	21.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	130904	20.24	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	3819	8.01	ng/uL#	1
4) Benzaldehyde	6.78	77	25668	27.87	ng/ul	92
6) Phenol	6.87	94	37951	21.48	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.07	93	28699	21.56	ng/ul	92
10) 2-Chlorophenol	7.21	128	29456	21.69	ng/ul	98
11) 2-Methylphenol	8.11	108	29182	20.51	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.18	45	49800	21.89	ng/ul	98
14) Acetophenone	8.46	105	49240	21.66	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.45	70	30153	23.09	ng/ul#	92
16) 4-Methylphenol	8.44	108	32874	21.18	ng/ul	88
17) Hexachloroethane	8.71	117	13999	22.39	ng/ul	96
20) Nitrobenzene	8.85	77	41366	21.36	ng/ul	94
21) Isophorone	9.37	82	78342	21.70	ng/ul	97
23) 2-Nitrophenol	9.56	139	19082	22.01	ng/ul	94
24) 2,4-Dimethylphenol	9.63	107	41213	21.84	ng/ul	87
25) Bis(2-Chloroethoxy)methane	9.86	93	40108	21.08	ng/ul	98
27) 2,4-Dichlorophenol	10.10	162	30143	20.61	ng/ul#	93
28) Naphthalene	10.48	128	96336	20.34	ng/ul	98
30) 4-Chloroaniline	10.60	127	41106	23.50	ng/ul	97
31) Hexachlorobutadiene	10.77	225	21036	21.53	ng/ul	98
32) Caprolactam	11.35	113	14275	21.86	ng/ul	94
33) 4-Chloro-3-methylphenol	11.76	107	36879	20.92	ng/ul	97
34) 2-Methylnaphthalene	12.11	142	75273	21.09	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.48	216	39932	21.61	ng/ul	88
37) Hexachlorocyclopentadiene	12.46	237	15258	16.79	ng/ul	92
38) 2,4,6-Trichlorophenol	12.74	196	25879	21.15	ng/ul	96
39) 2,4,5-Trichlorophenol	12.82	196	27699	20.76	ng/ul	90
40) 1,1'-Biphenyl	13.13	154	98967	20.75	ng/ul	96
41) 2-Chloronaphthalene	13.18	162	76113	19.92	ng/ul	98
42) 2-Nitroaniline	13.39	65	28277	20.05	ng/ul	97
44) Dimethylphthalate	13.77	163	105834	21.01	ng/ul	97
45) 2,6-Dinitrotoluene	13.89	165	23300	20.89	ng/ul	97
47) Acenaphthylene	14.02	152	130993	20.75	ng/ul	97
48) 3-Nitroaniline	14.22	138	23174	20.45	ng/ul	99
49) Acenaphthene	14.37	153	83829	20.54	ng/ul	94
50) 2,4-Dinitrophenol	14.43	184	9820	17.32	ng/ul	86
52) 4-Nitrophenol	14.57	109	18606	18.84	ng/ul	94
53) Dibenzofuran	14.70	168	117193	20.24	ng/ul	99
54) 2,4-Dinitrotoluene	14.68	165	32420	20.04	ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	14.94	232	24687	21.14	ng/ul	89
56) Diethylphthalate	15.14	149	112787	21.02	ng/ul	98
58) Fluorene	15.36	166	103871	20.69	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.36	204	54507	20.56	ng/ul	97
60) 4-Nitroaniline	15.39	138	22703	19.28	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.44	198	18746	18.42	ng/ul#	85
64) N-Nitrosodiphenylamine	15.57	169	87014	20.67	ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	32516	20.24	ng/ul	96
66) Hexachlorobenzene	16.36	284	35185	20.66	ng/ul	95
67) Atrazine	16.53	200	39192	23.43	ng/ul	97
68) Pentachlorophenol	16.72	266	15432	18.55	ng/ul	94
69) Phenanthrene	17.10	178	155706	20.51	ng/ul	99
71) Anthracene	17.19	178	158459	20.26	ng/ul	98
72) Carbazole	17.47	167	144706	20.64	ng/ul	97
73) Di-n-butylphthalate	18.03	149	210811	21.83	ng/ul	98
74) Fluoranthene	19.12	202	197806	21.58	ng/ul	97
77) Pyrene	19.49	202	207145	22.17	ng/ul	99
78) Butylbenzylphthalate	20.39	149	89921	21.43	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.17	252	64834	20.04	ng/ul	99
80) Benzo(a)anthracene	21.23	228	181902	20.50	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.17	149	129820	21.50	ng/ul	100
82) Chrysene	21.28	228	169375	20.61	ng/ul	97
84) Di-n-octyl phthalate	22.04	149	222560	22.79	ng/ul	100
85) Benzo(b)fluoranthene	22.82	252	180659	20.70	ng/ul	99
86) Benzo(k)fluoranthene	22.86	252	161979	19.76	ng/ul	99
88) Benzo(a)pyrene	23.39	252	166188	20.14	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.77	276	182893	19.68	ng/ul	96
90) Dibenzo(a,h)anthracene	25.79	278	153033	19.33	ng/ul	97
91) Benzo(g,h,i)perylene	26.48	276	154356	19.87	ng/ul	97

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

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