Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
Data File : BG017366.D
Acq On : 1 Jun 2015 11:07
Operator : TP/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02009

Manual Integrations APPROVED
apatel
6/2/2015 1:22:44 PM

Quant Time: Jun 02 05:28:40 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 02 03:15:26 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	20688	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	89588	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	60177	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	141163	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	157949	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	150927	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	3216	7.38	ng/uL	0.00
5) Phenol-d5	6.84	99	33013	18.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	20519	19.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	27359	19.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	28323	18.96	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	13316	19.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	15751	19.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	28787	19.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	40426	24.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	86774	20.22	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	114746	20.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	16901	20.65	ng/ul	0.00
57) Fluorene-d10	15.30	176	85370	20.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	18404	18.63	ng/ul	0.00
70) Anthracene-d10	17.15	188	134521	20.34	ng/ul	0.00
76) Pyrene-d10	19.46	212	155739	20.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	134988	20.03	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	4066	8.23	ng/uL#	1
4) Benzaldehyde	6.78	77	24007	25.16	ng/ul	96
6) Phenol	6.86	94	36169	19.76	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.07	93	26561	19.26	ng/ul	93
10) 2-Chlorophenol	7.21	128	26283	18.68	ng/ul	95
11) 2-Methylphenol	8.11	108	28136	19.09	ng/ul	88
12) 2,2'-oxybis(1-Chloropropan	8.18	45	49171	20.86	ng/ul	97
14) Acetophenone	8.46	105	46455	19.72	ng/ul#	96
15) N-Nitroso-di-n-propylamine	8.45	70	27359	20.22	ng/ul	94
16) 4-Methylphenol	8.44	108	31899	19.84	ng/ul	91
17) Hexachloroethane	8.72	117	12999	20.07	ng/ul	96
20) Nitrobenzene	8.84	77	38214	20.57	ng/ul	95
21) Isophorone	9.37	82	71598	20.67	ng/ul	95
23) 2-Nitrophenol	9.56	139	17150	20.61	ng/ul	91
24) 2,4-Dimethylphenol	9.63	107	37912	20.94	ng/ul	90
25) Bis(2-Chloroethoxy)methane	9.85	93	37326	20.45	ng/ul	100
27) 2,4-Dichlorophenol	10.10	162	28541	20.34	ng/ul	96
28) Naphthalene	10.48	128	94264	20.74	ng/ul	99
30) 4-Chloroaniline	10.61	127	39663	23.64	ng/ul	99
31) Hexachlorobutadiene	10.77	225	19933	21.27	ng/ul	94
32) Caprolactam	11.36	113	12792m	20.41	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	34781	20.56	ng/ul	98
34) 2-Methylnaphthalene	12.11	142	70300	20.52	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.48	216	35432	20.28	ng/ul	87
37) Hexachlorocyclopentadiene	12.46	237	15429	17.95	ng/ul#	90
38) 2,4,6-Trichlorophenol	12.73	196	23026	19.90	ng/ul	99
39) 2,4,5-Trichlorophenol	12.82	196	25697	20.37	ng/ul	90
40) 1,1'-Biphenyl	13.13	154	90131	19.99	ng/ul	96
41) 2-Chloronaphthalene	13.17	162	72617	20.10	ng/ul	92
42) 2-Nitroaniline	13.39	65	27744	20.80	ng/ul	97
44) Dimethylphthalate	13.77	163	100537	21.11	ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	21721	20.60	ng/ul	98
47) Acenaphthylene	14.03	152	121005	20.27	ng/ul	100
48) 3-Nitroaniline	14.22	138	23115	21.58	ng/ul	97
49) Acenaphthene	14.37	153	81164	21.03	ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	9762	18.21	ng/ul	95
52) 4-Nitrophenol	14.57	109	19714	21.11	ng/ul	95
53) Dibenzofuran	14.70	168	111135	20.30	ng/ul	100
54) 2,4-Dinitrotoluene	14.68	165	30664	20.04	ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	14.94	232	21577	19.54	ng/ul	95
56) Diethylphthalate	15.14	149	104065	20.51	ng/ul	99
58) Fluorene	15.35	166	100630	21.20	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.35	204	51061	20.37	ng/ul	93
60) 4-Nitroaniline	15.39	138	25926	23.28	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.44	198	19296	19.18	ng/ul	92
64) N-Nitrosodiphenylamine	15.57	169	83544	20.07	ng/ul	96
65) 4-Bromophenyl-phenylether	16.25	248	30578	19.25	ng/ul	91
66) Hexachlorobenzene	16.36	284	34056	20.23	ng/ul	95
67) Atrazine	16.52	200	35794	21.65	ng/ul#	85
68) Pentachlorophenol	16.71	266	14115	17.16	ng/ul#	88
69) Phenanthrene	17.10	178	155759	20.76	ng/ul	99
71) Anthracene	17.19	178	157458	20.36	ng/ul	98
72) Carbazole	17.46	167	147227	21.25	ng/ul	98
73) Di-n-butylphthalate	18.03	149	195980	20.53	ng/ul	99
74) Fluoranthene	19.12	202	197664	21.81	ng/ul	98
77) Pyrene	19.48	202	200879	20.31	ng/ul	99
78) Butylbenzylphthalate	20.39	149	89346	20.12	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.17	252	66766	19.50	ng/ul	96
80) Benzo(a)anthracene	21.23	228	191139	20.36	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.16	149	123032	19.26	ng/ul	95
82) Chrysene	21.28	228	176002	20.23	ng/ul	98
84) Di-n-octyl phthalate	22.03	149	204477	20.10	ng/ul	100
85) Benzo(b)fluoranthene	22.80	252	182542m	20.07	ng/ul	
86) Benzo(k)fluoranthene	22.85	252	179313	21.00	ng/ul	98
88) Benzo(a)pyrene	23.39	252	178308	20.74	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.76	276	199278	20.58	ng/ul	99
90) Dibenzo(a,h)anthracene	25.77	278	168369	20.41	ng/ul	93
91) Benzo(g,h,i)perylene	26.46	276	163282	20.18	ng/ul	98

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

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