Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019027.D
Acq On : 5 Oct 2015 14:41
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02034

Manual Integrations APPROVED
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10/6/2015 5:54:55 PM

Quant Time: Oct 06 03:50:33 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 06 03:29:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	28637	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	121905	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	76497	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	188014	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	242135	20.00	ng/ul	0.00
86) Perylene-d12	24.90	264	232159	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	4483	7.07	ng/uL	0.00
5) Phenol-d5	7.20	99	47965	19.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	32377	20.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	36769	19.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	37888	19.53	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	18782	20.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	20082	21.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	38669	20.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	51112	22.09	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	121986	20.22	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	144006	19.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	25208	20.69	ng/ul	0.00
58) Fluorene-d10	15.66	176	107223	19.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	20196	19.80	ng/ul	0.00
71) Anthracene-d10	17.51	188	174817	19.75	ng/ul	0.00
79) Pyrene-d10	19.79	212	218944	19.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.67	264	232309	19.56	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	5594	8.02	ng/uL#	82
4) Benzaldehyde	7.19	77	30357	20.76	ng/ul	98
6) Phenol	7.23	94	50418	20.03	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.46	93	37896	19.97	ng/ul	99
10) 2-Chlorophenol	7.61	128	38184	19.84	ng/ul	99
11) 2-Methylphenol	8.48	108	38307	19.74	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.58	45	79134	21.25	ng/ul	97
14) Acetophenone	8.87	105	60710	20.21	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.85	70	32014	19.81	ng/ul	97
16) 4-Methylphenol	8.81	108	42397	19.82	ng/ul	97
17) Hexachloroethane	9.14	117	15017	19.61	ng/ul	96
20) Nitrobenzene	9.25	77	46942	20.46	ng/ul	97
21) Isophorone	9.77	82	91031	20.34	ng/ul#	97
23) 2-Nitrophenol	9.96	139	20896	20.52	ng/ul	96
24) 2,4-Dimethylphenol	10.01	107	46629	20.19	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.25	93	51855	19.60	ng/ul	95
27) 2,4-Dichlorophenol	10.49	162	39274	20.24	ng/ul	96
28) Naphthalene	10.90	128	124606	19.74	ng/ul	98
30) 4-Chloroaniline	11.00	127	53535	22.38	ng/ul	99
31) Hexachlorobutadiene	11.19	225	25564	20.67	ng/ul	97
32) Caprolactam	11.77	113	12242m	18.72	ng/ul	
33) 4-Chloro-3-methylphenol	12.12	107	44649	20.98	ng/ul	91
34) 2-Methylnaphthalene	12.50	142	94371	19.96	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.72	142	92865	20.02	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	50683	20.40	ng/ul	99
38) Hexachlorocyclopentadiene	12.86	237	30973	19.40	ng/ul	98
39) 2,4,6-Trichlorophenol	13.10	196	31270	19.37	ng/ul	99
40) 2,4,5-Trichlorophenol	13.17	196	35477	20.47	ng/ul	98
41) 1,1'-Biphenyl	13.51	154	122179	19.59	ng/ul	98
42) 2-Chloronaphthalene	13.55	162	94778	19.57	ng/ul	96
43) 2-Nitroaniline	13.74	65	33930	21.57	ng/ul	94
45) Dimethylphthalate	14.12	163	121715	19.76	ng/ul	98
46) 2,6-Dinitrotoluene	14.24	165	24620	20.79	ng/ul	98
48) Acenaphthylene	14.39	152	157190	19.68	ng/ul	100
49) 3-Nitroaniline	14.57	138	25242	21.57	ng/ul	96
50) Acenaphthene	14.74	153	106185	19.59	ng/ul	98
51) 2,4-Dinitrophenol	14.77	184	11981	17.47	ng/ul	93
53) 4-Nitrophenol	14.86	109	20514	22.01	ng/ul	98
54) Dibenzofuran	15.07	168	144824	19.64	ng/ul	97
55) 2,4-Dinitrotoluene	15.02	165	37792	21.82	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.29	232	31767	19.86	ng/ul	93
57) Diethylphthalate	15.49	149	122839	19.88	ng/ul	100
59) Fluorene	15.72	166	122437	19.70	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.71	204	59825	19.49	ng/ul	96
61) 4-Nitroaniline	15.73	138	27967	21.16	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.78	198	21666	20.11	ng/ul#	96
65) N-Nitrosodiphenylamine	15.92	169	106909	19.55	ng/ul	96
66) 4-Bromophenyl-phenylether	16.60	248	40976	19.97	ng/ul	94
67) Hexachlorobenzene	16.72	284	45672	19.57	ng/ul	97
68) Atrazine	16.87	200	48498	21.37	ng/ul	99
69) Pentachlorophenol	17.06	266	26985	18.42	ng/ul	96
70) Phenanthrene	17.46	178	208098	19.64	ng/ul	99
72) Anthracene	17.54	178	209993	19.67	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.47	216	49304	19.44	ng/uL	97
74) Pentachlorobenzene	14.99	250	49264	19.94	ng/uL	97
75) Carbazole	17.81	167	195022	21.17	ng/ul	98
76) Di-n-butylphthalate	18.38	149	237040	20.13	ng/ul	99
77) Fluoranthene	19.46	202	273677	22.19	ng/ul	100
80) Pyrene	19.82	202	286726	19.68	ng/ul	99
81) Butylbenzylphthalate	20.71	149	112207	20.30	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.57	252	88808	19.81	ng/ul	99
83) Benzo(a)anthracene	21.66	228	274568	19.65	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	155127	19.34	ng/ul#	99
85) Chrysene	21.73	228	256766	19.47	ng/ul	99
87) Di-n-octyl phthalate	22.79	149	257375	19.53	ng/ul	100
88) Benzo(b)fluoranthene	23.87	252	264199	19.32	ng/ul	100
89) Benzo(k)fluoranthene	23.94	252	256086	19.22	ng/ul	99
91) Benzo(a)pyrene	24.75	252	258167	19.49	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.56	276	299924	19.75	ng/ul	95
93) Dibenzo(a,h)anthracene	28.63	278	259989	19.81	ng/ul	99
94) Benzo(g,h,i)perylene	29.71	276	245714	19.44	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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