Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
Data File : BG019201.D
Acq On : 14 Oct 2015 5:08
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02003

Manual Integrations APPROVED
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10/14/2015 3:52:34 PM

Quant Time: Oct 14 06:48:07 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 14 04:49:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	16651	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	78197	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.66	164	53635	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.40	188	128065m	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	149594	20.00	ng/ul	0.00
86) Perylene-d12	24.90	264	145540	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	2302	6.25	ng/uL	0.00
5) Phenol-d5	7.19	99	29124	20.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	18381	19.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	21683	20.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	23615	20.94	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	11140	18.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.91	143	12967	21.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.45	165	25806	21.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	31648	21.32	ng/ul	0.00
44) Dimethylphthalate-d6	14.06	166	83953	19.85	ng/ul	0.00
47) Acenaphthylene-d8	14.35	160	100780	19.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	14313m	16.75	ng/ul	0.00
58) Fluorene-d10	15.65	176	76979	20.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	12786	18.40	ng/ul	0.00
71) Anthracene-d10	17.50	188	117919	19.55	ng/ul	0.00
79) Pyrene-d10	19.79	212	134723	19.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.68	264	147535	19.81	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	2641	6.51	ng/uL#	83
4) Benzaldehyde	7.16	77	18195	21.40	ng/ul	91
6) Phenol	7.22	94	29560	20.19	ng/ul#	80
8) Bis(2-Chloroethyl)ether	7.45	93	19775	17.92	ng/ul	92
10) 2-Chlorophenol	7.60	128	22857	20.43	ng/ul	95
11) 2-Methylphenol	8.47	108	23111	20.48	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.56	45	46284	21.38	ng/ul	99
14) Acetophenone	8.85	105	39047	22.35	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.83	70	19656	20.92	ng/ul	95
16) 4-Methylphenol	8.80	108	26320	21.16	ng/ul	96
17) Hexachloroethane	9.12	117	9290	20.87	ng/ul	94
20) Nitrobenzene	9.23	77	31537	21.43	ng/ul#	96
21) Isophorone	9.75	82	56790	19.78	ng/ul#	97
23) 2-Nitrophenol	9.95	139	13400	20.52	ng/ul#	83
24) 2,4-Dimethylphenol	10.01	107	32570	21.98	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.24	93	31375	18.48	ng/ul	97
27) 2,4-Dichlorophenol	10.48	162	25865	20.78	ng/ul	94
28) Naphthalene	10.89	128	78056	19.28	ng/ul	98
30) 4-Chloroaniline	10.99	127	33291	21.70	ng/ul	98
31) Hexachlorobutadiene	11.18	225	19485	24.57	ng/ul	94
32) Caprolactam	11.75	113	8050	19.19	ng/ul#	74
33) 4-Chloro-3-methylphenol	12.12	107	31132	22.81	ng/ul	89
34) 2-Methylnaphthalene	12.49	142	61904	20.41	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.70	142	60434	20.31 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.86	216	35776	20.54 ng/ul	94
38) Hexachlorocyclopentadiene	12.84	237	17273	15.43 ng/ul	93
39) 2,4,6-Trichlorophenol	13.10	196	22668	20.02 ng/ul	91
40) 2,4,5-Trichlorophenol	13.17	196	24137	19.86 ng/ul	94
41) 1,1'-Biphenyl	13.49	154	84568	19.34 ng/ul	99
42) 2-Chloronaphthalene	13.54	162	66267	19.52 ng/ul	97
43) 2-Nitroaniline	13.74	65	25366	23.00 ng/ul	86
45) Dimethylphthalate	14.11	163	86129	19.95 ng/ul	100
46) 2,6-Dinitrotoluene	14.23	165	16788	20.22 ng/ul#	83
48) Acenaphthylene	14.38	152	108749	19.42 ng/ul	98
49) 3-Nitroaniline	14.56	138	16177	19.72 ng/ul#	85
50) Acenaphthene	14.73	153	73120	19.24 ng/ul	95
51) 2,4-Dinitrophenol	14.77	184	5437	11.31 ng/ul	95
53) 4-Nitrophenol	14.87	109	15817	24.21 ng/ul#	75
54) Dibenzofuran	15.05	168	101574	19.64 ng/ul	89
55) 2,4-Dinitrotoluene	15.01	165	26155	21.54 ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	15.28	232	21436	19.11 ng/ul	91
57) Diethylphthalate	15.47	149	88934	20.53 ng/ul	99
59) Fluorene	15.71	166	85765	19.68 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.70	204	44308	20.59 ng/ul	90
61) 4-Nitroaniline	15.72	138	17317	18.69 ng/ul#	76
64) 4,6-Dinitro-2-methylphenol	15.78	198	12494	17.03 ng/ul#	87
65) N-Nitrosodiphenylamine	15.91	169	73767	19.80 ng/ul	96
66) 4-Bromophenyl-phenylether	16.59	248	29469m	21.08 ng/ul	
67) Hexachlorobenzene	16.71	284	34444	21.66 ng/ul	96
68) Atrazine	16.86	200	31990	20.70 ng/ul	97
69) Pentachlorophenol	17.06	266	14189	14.22 ng/ul	94
70) Phenanthrene	17.45	178	140272m	19.44 ng/ul	
72) Anthracene	17.54	178	141434	19.45 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.46	216	36246	20.99 ng/uL	92
74) Pentachlorobenzene	14.98	250	36909	21.93 ng/uL	96
75) Carbazole	17.80	167	120992	19.28 ng/ul	99
76) Di-n-butylphthalate	18.37	149	152444	19.00 ng/ul#	98
77) Fluoranthene	19.46	202	168122	20.01 ng/ul#	92
80) Pyrene	19.82	202	173159	19.23 ng/ul#	91
81) Butylbenzylphthalate	20.71	149	65525	19.19 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.57	252	56608	20.44 ng/ul	99
83) Benzo(a)anthracene	21.66	228	168797	19.55 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	93252	18.82 ng/ul	97
85) Chrysene	21.72	228	160043	19.64 ng/ul	99
87) Di-n-octyl phthalate	22.79	149	163795	19.83 ng/ul	100
88) Benzo(b)fluoranthene	23.87	252	167982	19.59 ng/ul#	98
89) Benzo(k)fluoranthene	23.94	252	166257	19.91 ng/ul#	96
91) Benzo(a)pyrene	24.76	252	163113	19.64 ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	28.58	276	177354	18.63 ng/ul#	93
93) Dibenzo(a,h)anthracene	28.63	278	157684m	19.17 ng/ul	
94) Benzo(g,h,i)perylene	29.72	276	138620	17.49 ng/ul	97

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

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