Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019382.D
Acq On : 28 Oct 2015 15:33
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Manual Integrations APPROVED
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10/30/2015 6:31:47 PM

Quant Time: Oct 29 00:02:21 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 28 16:26:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	33346	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	131484	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	103501	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	291141	20.00	ng/ul	0.00
78) Chrysene-d12	21.86	240	361864	20.00	ng/ul	0.00
86) Perylene-d12	25.25	264	343095	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	5189	7.45	ng/uL	0.00
5) Phenol-d5	7.34	99	58185	19.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	38211	19.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	37097	19.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	46786	19.19	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	18997	19.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	24473	21.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	51365	20.64	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	56579	22.47	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	173064	20.28	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	190801	20.19	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	28957	21.36	ng/ul	0.00
58) Fluorene-d10	15.82	176	152762	19.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	38525	20.44	ng/ul	0.00
71) Anthracene-d10	17.67	188	267448	20.15	ng/ul	0.00
79) Pyrene-d10	19.95	212	320508	20.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.01	264	337702	19.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	5991	7.56	ng/uL#	73
4) Benzaldehyde	7.33	77	45486	22.85	ng/ul	97
6) Phenol	7.37	94	63125	19.36	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.61	93	44373	19.81	ng/ul	95
10) 2-Chlorophenol	7.76	128	37933	19.28	ng/ul	95
11) 2-Methylphenol	8.64	108	46875	19.44	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.74	45	34980	19.48	ng/ul	93
14) Acetophenone	9.03	105	78962	19.29	ng/ul#	84
15) N-Nitroso-di-n-propylamine	9.01	70	52764	19.67	ng/ul#	85
16) 4-Methylphenol	8.97	108	51130	19.41	ng/ul	86
17) Hexachloroethane	9.30	117	18829	18.33	ng/ul	87
20) Nitrobenzene	9.42	77	74324	19.67	ng/ul	95
21) Isophorone	9.94	82	135666	19.82	ng/ul	97
23) 2-Nitrophenol	10.14	139	25923	19.90	ng/ul	88
24) 2,4-Dimethylphenol	10.19	107	67226	19.75	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.42	93	65479	20.21	ng/ul	97
27) 2,4-Dichlorophenol	10.68	162	46694	19.64	ng/ul#	85
28) Naphthalene	11.09	128	131133	19.93	ng/ul#	93
30) 4-Chloroaniline	11.19	127	56479	21.40	ng/ul	90
31) Hexachlorobutadiene	11.36	225	48250	19.85	ng/ul	87
32) Caprolactam	11.93	113	18259m	21.42	ng/ul	
33) 4-Chloro-3-methylphenol	12.30	107	62730	19.65	ng/ul#	91
34) 2-Methylnaphthalene	12.68	142	105744	20.00	ng/ul	98

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35) 1-Methylnaphthalene	12.90	142	101139	20.22	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	89256	20.92	ng/ul	97
38) Hexachlorocyclopentadiene	13.01	237	63371	20.02	ng/ul	98
39) 2,4,6-Trichlorophenol	13.27	196	51406	20.38	ng/ul	90
40) 2,4,5-Trichlorophenol	13.34	196	53394	19.29	ng/ul	98
41) 1,1'-Biphenyl	13.67	154	151274	20.68	ng/ul#	96
42) 2-Chloronaphthalene	13.71	162	116950	20.49	ng/ul	94
43) 2-Nitroaniline	13.91	65	50815	20.82	ng/ul	92
45) Dimethylphthalate	14.28	163	172203	19.73	ng/ul#	97
46) 2,6-Dinitrotoluene	14.40	165	35366	20.02	ng/ul	97
48) Acenaphthylene	14.56	152	197839	20.43	ng/ul	99
49) 3-Nitroaniline	14.73	138	32366	21.29	ng/ul	99
50) Acenaphthene	14.90	153	131853	20.17	ng/ul	97
51) 2,4-Dinitrophenol	14.93	184	26435	19.90	ng/ul	94
53) 4-Nitrophenol	15.03	109	40630	19.22	ng/ul#	82
54) Dibenzofuran	15.23	168	194158	20.16	ng/ul	97
55) 2,4-Dinitrotoluene	15.18	165	55613	19.93	ng/ul#	89
56) 2,3,4,6-Tetrachlorophenol	15.45	232	57889	20.01	ng/ul	99
57) Diethylphthalate	15.63	149	169592	19.68	ng/ul	96
59) Fluorene	15.88	166	166037	19.77	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.86	204	98927	19.82	ng/ul	98
61) 4-Nitroaniline	15.89	138	35191	20.14	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.94	198	41268	20.25	ng/ul#	99
65) N-Nitrosodiphenylamine	16.08	169	147642	19.61	ng/ul	95
66) 4-Bromophenyl-phenylether	16.76	248	70895	20.49	ng/ul	99
67) Hexachlorobenzene	16.88	284	73921	20.13	ng/ul	97
68) Atrazine	17.02	200	75583	20.25	ng/ul	98
69) Pentachlorophenol	17.22	266	41200	19.01	ng/ul	94
70) Phenanthrene	17.62	178	288595	19.64	ng/ul	97
72) Anthracene	17.71	178	299687	20.01	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.64	216	84275	19.98	ng/uL	95
74) Pentachlorobenzene	15.15	250	86323	20.30	ng/uL	93
75) Carbazole	17.97	167	242426	20.28	ng/ul	98
76) Di-n-butylphthalate	18.52	149	291640	19.69	ng/ul	97
77) Fluoranthene	19.62	202	402387	21.15	ng/ul#	97
80) Pyrene	19.98	202	409012	20.14	ng/ul#	97
81) Butylbenzylphthalate	20.85	149	131933	19.99	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.75	252	148742	20.98	ng/ul#	94
83) Benzo(a)anthracene	21.85	228	423295	20.09	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.73	149	190524	20.32	ng/ul	99
85) Chrysene	21.92	228	392084	19.83	ng/ul	99
87) Di-n-octyl phthalate	23.00	149	312930	20.14	ng/ul	100
88) Benzo(b)fluoranthene	24.17	252	397288	19.63	ng/ul#	97
89) Benzo(k)fluoranthene	24.24	252	381931	19.61	ng/ul	100
91) Benzo(a)pyrene	25.09	252	385005	19.80	ng/ul	93
92) Indeno(1,2,3-cd)pyrene	29.11	276	432538	19.75	ng/ul	98
93) Dibenzo(a,h)anthracene	29.19	278	357661	19.56	ng/ul#	94
94) Benzo(g,h,i)perylene	30.34	276	355204	21.37	ng/ul#	89

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

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