Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG110515\
Data File : BG019484.D
Acq On : 5 Nov 2015 9:14
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02002

Manual Integrations APPROVED
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11/6/2015 3:43:02 PM

Quant Time: Nov 06 02:10:49 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 04 22:22:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	41015	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	174705	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	140224	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	377608	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	494742	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	474379	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	6728	7.86	ng/uL	0.00
5) Phenol-d5	7.33	99	76900	20.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	52867	22.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	47429	20.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	63200	21.07	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	25965	20.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	30414	19.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	65635	19.85	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	74941	22.40	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	232933	20.15	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	256345	20.02	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	38174	20.78	ng/ul	0.00
58) Fluorene-d10	15.80	176	210564	19.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	47913	19.60	ng/ul	0.00
71) Anthracene-d10	17.65	188	347662	20.20	ng/ul	0.00
79) Pyrene-d10	19.92	212	421146	19.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	467110	19.62	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	8145	8.35	ng/uL	94
4) Benzaldehyde	7.31	77	59894	24.46	ng/ul	96
6) Phenol	7.36	94	86328	21.52	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.58	93	57814	20.98	ng/ul	94
10) 2-Chlorophenol	7.74	128	47542	19.65	ng/ul	94
11) 2-Methylphenol	8.62	108	60132	20.27	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.71	45	48788	22.09	ng/ul	96
14) Acetophenone	9.01	105	106664	21.19	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.98	70	69051	20.92	ng/ul#	89
16) 4-Methylphenol	8.95	108	68200	21.05	ng/ul	95
17) Hexachloroethane	9.28	117	25096	19.86	ng/ul	96
20) Nitrobenzene	9.39	77	100678	20.06	ng/ul	95
21) Isophorone	9.92	82	185813	20.43	ng/ul	97
23) 2-Nitrophenol	10.11	139	33441	19.32	ng/ul#	79
24) 2,4-Dimethylphenol	10.16	107	89543	19.80	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.40	93	89178	20.72	ng/ul	97
27) 2,4-Dichlorophenol	10.65	162	63754	20.18	ng/ul	94
28) Naphthalene	11.06	128	170790	19.54	ng/ul	95
30) 4-Chloroaniline	11.16	127	75837	21.63	ng/ul	95
31) Hexachlorobutadiene	11.34	225	58449	18.10	ng/ul	96
32) Caprolactam	11.91	113	24676m	21.79	ng/ul	
33) 4-Chloro-3-methylphenol	12.27	107	90696	21.38	ng/ul	96
34) 2-Methylnaphthalene	12.66	142	139794	19.90	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.87	142	136372	20.52	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	13.01	216	110130	19.05	ng/ul	97
38) Hexachlorocyclopentadiene	12.99	237	70324	16.40	ng/ul#	91
39) 2,4,6-Trichlorophenol	13.25	196	67878	19.87	ng/ul	92
40) 2,4,5-Trichlorophenol	13.33	196	71647m	19.11	ng/ul	
41) 1,1'-Biphenyl	13.65	154	199154	20.09	ng/ul#	96
42) 2-Chloronaphthalene	13.70	162	151641	19.61	ng/ul	97
43) 2-Nitroaniline	13.89	65	68542	20.73	ng/ul	94
45) Dimethylphthalate	14.25	163	231342	19.57	ng/ul	96
46) 2,6-Dinitrotoluene	14.38	165	46256	19.33	ng/ul	95
48) Acenaphthylene	14.54	152	260492	19.86	ng/ul	99
49) 3-Nitroaniline	14.71	138	42247	20.51	ng/ul	80
50) Acenaphthene	14.87	153	174773	19.73	ng/ul	95
51) 2,4-Dinitrophenol	14.91	184	30003	16.67	ng/ul	95
53) 4-Nitrophenol	15.01	109	54937m	19.18	ng/ul	
54) Dibenzofuran	15.21	168	260368	19.96	ng/ul	100
55) 2,4-Dinitrotoluene	15.16	165	72671	19.23	ng/ul#	86
56) 2,3,4,6-Tetrachlorophenol	15.43	232	77553	19.78	ng/ul#	94
57) Diethylphthalate	15.60	149	226917	19.44	ng/ul	99
59) Fluorene	15.85	166	223383	19.63	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.84	204	132815	19.64	ng/ul	97
61) 4-Nitroaniline	15.86	138	44332	18.73	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.92	198	52843	19.99	ng/ul#	95
65) N-Nitrosodiphenylamine	16.05	169	200409	20.52	ng/ul	98
66) 4-Bromophenyl-phenylether	16.73	248	92352	20.58	ng/ul	98
67) Hexachlorobenzene	16.86	284	92571	19.44	ng/ul	100
68) Atrazine	16.99	200	99055	20.46	ng/ul	94
69) Pentachlorophenol	17.20	266	51870	18.45	ng/ul	93
70) Phenanthrene	17.59	178	384385	20.17	ng/ul	97
72) Anthracene	17.68	178	395640	20.37	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.61	216	112435	20.55	ng/uL	95
74) Pentachlorobenzene	15.12	250	111401	20.20	ng/uL	99
75) Carbazole	17.95	167	324625	20.94	ng/ul#	94
76) Di-n-butylphthalate	18.49	149	387240	20.16	ng/ul	99
77) Fluoranthene	19.59	202	516076	20.92	ng/ul#	96
80) Pyrene	19.95	202	527688	19.01	ng/ul#	93
81) Butylbenzylphthalate	20.82	149	184028	20.40	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.72	252	195907	20.21	ng/ul#	98
83) Benzo(a)anthracene	21.81	228	570017	19.78	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.69	149	267218	20.84	ng/ul#	99
85) Chrysene	21.88	228	524704	19.41	ng/ul	99
87) Di-n-octyl phthalate	22.94	149	457083	21.28	ng/ul	100
88) Benzo(b)fluoranthene	24.11	252	558640	19.97	ng/ul#	98
89) Benzo(k)fluoranthene	24.18	252	525776m	19.53	ng/ul	
91) Benzo(a)pyrene	25.02	252	530434	19.73	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	29.01	276	595624	19.67	ng/ul#	96
93) Dibenzo(a,h)anthracene	29.08	278	492052	19.46	ng/ul	97
94) Benzo(g,h,i)perylene	30.22	276	493856	21.49	ng/ul#	93

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

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