Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019378.D
Acq On : 28 Oct 2015 12:42
Operator : UM/NP
Sample : SSTD02012
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02012

Manual Integrations APPROVED
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10/30/2015 6:31:39 PM

Quant Time: Oct 28 13:44:21 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 28 14:34:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	30398	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	121409	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	96870	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.58	188	273835	20.00	ng/ul	0.00
78) Chrysene-d12	21.87	240	343752	20.00	ng/ul	0.00
86) Perylene-d12	25.25	264	326187	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	4409	8.05	ng/uL	0.00
5) Phenol-d5	7.34	99	53071	19.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	34267	21.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	33512	19.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	43668	20.94	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	17334	18.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	21591	20.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	45589	19.85	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	53389	23.40	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	159602	19.87	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	178492	20.08	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	25698	19.68	ng/ul	0.00
58) Fluorene-d10	15.82	176	150759	20.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	34919	19.37	ng/ul	0.00
71) Anthracene-d10	17.67	188	247359	19.73	ng/ul	0.00
79) Pyrene-d10	19.95	212	301512	20.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.01	264	322513	19.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	4730	7.71	ng/uL#	91
4) Benzaldehyde	7.33	77	41889	25.23	ng/ul	93
6) Phenol	7.37	94	58262	20.72	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.61	93	40384	21.13	ng/ul	88
10) 2-Chlorophenol	7.76	128	34740	19.79	ng/ul	96
11) 2-Methylphenol	8.64	108	42115	19.34	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.74	45	31314	22.26	ng/ul	95
14) Acetophenone	9.03	105	74619	21.30	ng/ul	92
15) N-Nitroso-di-n-propylamine	9.01	70	45830	21.28	ng/ul#	90
16) 4-Methylphenol	8.97	108	47155	20.43	ng/ul	98
17) Hexachloroethane	9.31	117	16386	18.20	ng/ul#	87
20) Nitrobenzene	9.42	77	68492	20.86	ng/ul	96
21) Isophorone	9.94	82	122321	21.33	ng/ul#	94
23) 2-Nitrophenol	10.13	139	23254	19.85	ng/ul#	86
24) 2,4-Dimethylphenol	10.19	107	61466	20.71	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.42	93	58997	21.28	ng/ul	97
27) 2,4-Dichlorophenol	10.68	162	45113	20.14	ng/ul	95
28) Naphthalene	11.09	128	120746	19.97	ng/ul	95
30) 4-Chloroaniline	11.19	127	54512	23.01	ng/ul	92
31) Hexachlorobutadiene	11.36	225	45113	19.46	ng/ul#	89
32) Caprolactam	11.94	113	15774	22.04	ng/ul#	78
33) 4-Chloro-3-methylphenol	12.29	107	59353	20.60	ng/ul#	97
34) 2-Methylnaphthalene	12.68	142	97452	19.37	ng/ul	100

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35) 1-Methylnaphthalene	12.90	142	94001	20.05	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	80204	20.27	ng/ul#	97
38) Hexachlorocyclopentadiene	13.01	237	59444	18.79	ng/ul	96
39) 2,4,6-Trichlorophenol	13.27	196	47499	19.79	ng/ul	90
40) 2,4,5-Trichlorophenol	13.35	196	50553	18.80	ng/ul	96
41) 1,1'-Biphenyl	13.67	154	139709	19.98	ng/ul#	97
42) 2-Chloronaphthalene	13.72	162	106760	19.42	ng/ul	98
43) 2-Nitroaniline	13.91	65	46507	21.42	ng/ul	89
45) Dimethylphthalate	14.28	163	161059	20.08	ng/ul	98
46) 2,6-Dinitrotoluene	14.40	165	33035	19.61	ng/ul	99
48) Acenaphthylene	14.56	152	180429	20.02	ng/ul	97
49) 3-Nitroaniline	14.73	138	29804	21.24	ng/ul	87
50) Acenaphthene	14.90	153	122174	20.27	ng/ul	97
51) 2,4-Dinitrophenol	14.93	184	23713	17.65	ng/ul	91
53) 4-Nitrophenol	15.03	109	40244	18.68	ng/ul	98
54) Dibenzofuran	15.23	168	181272	19.82	ng/ul	94
55) 2,4-Dinitrotoluene	15.18	165	51529	20.77	ng/ul#	92
56) 2,3,4,6-Tetrachlorophenol	15.45	232	54761	18.23	ng/ul	97
57) Diethylphthalate	15.63	149	160251	20.05	ng/ul	99
59) Fluorene	15.88	166	157394	19.82	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.86	204	93182	19.10	ng/ul	98
61) 4-Nitroaniline	15.88	138	33477	20.21	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.94	198	37857	20.02	ng/ul	96
65) N-Nitrosodiphenylamine	16.07	169	141870	20.34	ng/ul	96
66) 4-Bromophenyl-phenylether	16.76	248	65851	19.42	ng/ul	97
67) Hexachlorobenzene	16.88	284	69505	19.72	ng/ul	95
68) Atrazine	17.01	200	70903	19.95	ng/ul	97
69) Pentachlorophenol	17.22	266	38838	15.49	ng/ul#	83
70) Phenanthrene	17.62	178	276160	19.94	ng/ul	96
72) Anthracene	17.71	178	280199	20.05	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.64	216	81410	21.47	ng/uL	97
74) Pentachlorobenzene	15.15	250	80968	20.78	ng/uL	94
75) Carbazole	17.97	167	233938	20.56	ng/ul	97
76) Di-n-butylphthalate	18.52	149	275697	20.55	ng/ul	99
77) Fluoranthene	19.62	202	379036	20.41	ng/ul	99
80) Pyrene	19.98	202	386281	20.05	ng/ul#	95
81) Butylbenzylphthalate	20.85	149	124633	21.06	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.75	252	144246	21.19	ng/ul#	96
83) Benzo(a)anthracene	21.84	228	398799	20.00	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.73	149	175929	21.51	ng/ul	98
85) Chrysene	21.92	228	371481	20.27	ng/ul	98
87) Di-n-octyl phthalate	23.00	149	303673	22.08	ng/ul	100
88) Benzo(b)fluoranthene	24.17	252	380874	19.10	ng/ul#	95
89) Benzo(k)fluoranthene	24.24	252	366774m	19.26	ng/ul	
91) Benzo(a)pyrene	25.08	252	364789	19.74	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.12	276	409687m	19.65	ng/ul	
93) Dibenzo(a,h)anthracene	29.20	278	339464	19.62	ng/ul#	98
94) Benzo(g,h,i)perylene	30.34	276	336949	19.54	ng/ul#	91

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

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