Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG101415\
Data File : BG019181.D
Acq On : 13 Oct 2015 16:04
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02001

Manual Integrations APPROVED
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10/14/2015 3:52:20 PM

Quant Time: Oct 14 09:06:31 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 10 00:37:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	18336	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	80965	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.66	164	56081	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	131968	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	153955	20.00	ng/ul	0.00
86) Perylene-d12	24.91	264	147585	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	2559	6.31	ng/uL	0.00
5) Phenol-d5	7.19	99	30102	19.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	19097	18.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	23007	19.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	25833	20.80	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	12099	19.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.91	143	13389	21.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	27727	22.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	34055	22.16	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	89610	20.27	ng/ul	0.00
47) Acenaphthylene-d8	14.35	160	104080	19.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.86	143	14859	16.63	ng/ul	0.00
58) Fluorene-d10	15.65	176	77242	19.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	14717	20.56	ng/ul	0.00
71) Anthracene-d10	17.50	188	122364	19.69	ng/ul	0.00
79) Pyrene-d10	19.79	212	136799	19.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.69	264	151802	20.10	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	2557	5.73	ng/uL	88
4) Benzaldehyde	7.16	77	18845	20.13	ng/ul	89
6) Phenol	7.22	94	31305	19.42	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.45	93	22720	18.70	ng/ul	97
10) 2-Chlorophenol	7.60	128	24141	19.59	ng/ul	95
11) 2-Methylphenol	8.47	108	24402	19.64	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.56	45	48705	20.43	ng/ul	96
14) Acetophenone	8.85	105	41304	21.47	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.83	70	21139	20.43	ng/ul	92
16) 4-Methylphenol	8.80	108	27369	19.98	ng/ul	96
17) Hexachloroethane	9.12	117	9924	20.24	ng/ul	95
20) Nitrobenzene	9.23	77	33619	22.07	ng/ul#	91
21) Isophorone	9.75	82	60069	20.21	ng/ul#	97
23) 2-Nitrophenol	9.95	139	14268	21.10	ng/ul#	79
24) 2,4-Dimethylphenol	10.01	107	34186	22.28	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.24	93	32960	18.75	ng/ul	95
27) 2,4-Dichlorophenol	10.48	162	26858	20.84	ng/ul	95
28) Naphthalene	10.89	128	83260	19.86	ng/ul	97
30) 4-Chloroaniline	10.99	127	35941	22.62	ng/ul	95
31) Hexachlorobutadiene	11.18	225	20177	24.57	ng/ul	92
32) Caprolactam	11.75	113	8968m	20.65	ng/ul	
33) 4-Chloro-3-methylphenol	12.12	107	33299	23.56	ng/ul	89
34) 2-Methylnaphthalene	12.49	142	64587	20.57	ng/ul	97

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35) 1-Methylnaphthalene	12.71	142	63414	20.58	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.86	216	37725	20.72	ng/ul	97
38) Hexachlorocyclopentadiene	12.84	237	20286	17.33	ng/ul	99
39) 2,4,6-Trichlorophenol	13.10	196	23629	19.96	ng/ul	99
40) 2,4,5-Trichlorophenol	13.17	196	26295	20.69	ng/ul	95
41) 1,1'-Biphenyl	13.50	154	86932	19.02	ng/ul	92
42) 2-Chloronaphthalene	13.54	162	69110	19.47	ng/ul	96
43) 2-Nitroaniline	13.74	65	25639	22.24	ng/ul	94
45) Dimethylphthalate	14.11	163	89582	19.84	ng/ul	100
46) 2,6-Dinitrotoluene	14.23	165	18674	21.51	ng/ul	91
48) Acenaphthylene	14.38	152	113259	19.34	ng/ul	99
49) 3-Nitroaniline	14.56	138	18564	21.64	ng/ul#	88
50) Acenaphthene	14.73	153	77381	19.48	ng/ul	98
51) 2,4-Dinitrophenol	14.77	184	10041	19.97	ng/ul	88
53) 4-Nitrophenol	14.87	109	15588	22.82	ng/ul	88
54) Dibenzofuran	15.06	168	106918	19.78	ng/ul	90
55) 2,4-Dinitrotoluene	15.02	165	28284	22.27	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.28	232	24377	20.79	ng/ul#	95
57) Diethylphthalate	15.48	149	90324	19.94	ng/ul	96
59) Fluorene	15.71	166	90032	19.76	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.70	204	46166	20.51	ng/ul	92
61) 4-Nitroaniline	15.72	138	20140	20.78	ng/ul#	74
64) 4,6-Dinitro-2-methylphenol	15.78	198	14741	19.50	ng/ul	93
65) N-Nitrosodiphenylamine	15.91	169	75136	19.57	ng/ul	98
66) 4-Bromophenyl-phenylether	16.59	248	30600	21.25	ng/ul	95
67) Hexachlorobenzene	16.72	284	35206	21.49	ng/ul	98
68) Atrazine	16.86	200	32964	20.70	ng/ul	98
69) Pentachlorophenol	17.06	266	18356	17.85	ng/ul	94
70) Phenanthrene	17.45	178	144683	19.46	ng/ul	100
72) Anthracene	17.54	178	149678	19.97	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.46	216	36879	20.72	ng/uL	97
74) Pentachlorobenzene	14.98	250	37089	21.39	ng/uL	94
75) Carbazole	17.81	167	127510	19.72	ng/ul	97
76) Di-n-butylphthalate	18.37	149	155620	18.83	ng/ul#	97
77) Fluoranthene	19.46	202	173361	20.02	ng/ul#	93
80) Pyrene	19.82	202	180124	19.44	ng/ul#	92
81) Butylbenzylphthalate	20.71	149	68169	19.40	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.58	252	58070	20.38	ng/ul	99
83) Benzo(a)anthracene	21.66	228	174177	19.60	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.57	149	95925	18.81	ng/ul	97
85) Chrysene	21.73	228	162274	19.35	ng/ul	99
87) Di-n-octyl phthalate	22.79	149	166825	19.91	ng/ul	100
88) Benzo(b)fluoranthene	23.88	252	170080	19.56	ng/ul#	97
89) Benzo(k)fluoranthene	23.95	252	170371	20.12	ng/ul#	95
91) Benzo(a)pyrene	24.76	252	165755	19.68	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	28.58	276	173706	18.00	ng/ul#	94
93) Dibenzo(a,h)anthracene	28.64	278	136240	16.33	ng/ul	96
94) Benzo(g,h,i)perylene	29.74	276	134368	16.72	ng/ul#	95

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

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