Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019246.D
Acq On : 19 Oct 2015 19:08
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Manual Integrations APPROVED
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10/20/2015 6:27:27 PM

Quant Time: Oct 20 11:12:13 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 00:27:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	12861	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	60555	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	45268	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	123247	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	160974	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	155283	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	1570	6.80	ng/uL	0.00
5) Phenol-d5	7.18	99	21969	19.57	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.33	67	13745	19.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	16189	19.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	18614	19.57	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	8724	18.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	11252	22.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	21054	21.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	28469	22.54	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	77577	19.59	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	84155	19.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.86	143	16619	23.35	ng/ul	0.02
58) Fluorene-d10	15.62	176	66673	19.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	16547	21.76	ng/ul	0.00
71) Anthracene-d10	17.48	188	116431	19.99	ng/ul	0.00
79) Pyrene-d10	19.77	212	142645	19.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.63	264	156467	19.95	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	2240	8.23	ng/uL	92
4) Benzaldehyde	7.15	77	14049	21.54	ng/ul	95
6) Phenol	7.21	94	22784	19.49	ng/ul#	78
8) Bis(2-Chloroethyl)ether	7.42	93	15423	18.60	ng/ul	92
10) 2-Chlorophenol	7.58	128	16681	19.86	ng/ul	98
11) 2-Methylphenol	8.46	108	17448	19.02	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.53	45	30762	16.64	ng/ul	98
14) Acetophenone	8.83	105	31693	19.74	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.81	70	16620	20.26	ng/ul	89
16) 4-Methylphenol	8.79	108	20495	19.91	ng/ul	100
17) Hexachloroethane	9.09	117	7422	20.52	ng/ul	94
20) Nitrobenzene	9.21	77	24890	19.46	ng/ul	97
21) Isophorone	9.73	82	49358	19.81	ng/ul#	98
23) 2-Nitrophenol	9.92	139	11213	21.31	ng/ul#	74
24) 2,4-Dimethylphenol	9.98	107	26066	20.45	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.21	93	24698	19.19	ng/ul	100
27) 2,4-Dichlorophenol	10.47	162	20527	20.73	ng/ul	96
28) Naphthalene	10.86	128	60226	19.03	ng/ul	96
30) 4-Chloroaniline	10.97	127	27069	20.80	ng/ul	94
31) Hexachlorobutadiene	11.15	225	14209	19.65	ng/ul	94
32) Caprolactam	11.74	113	8362	22.81	ng/ul	91
33) 4-Chloro-3-methylphenol	12.11	107	28177	22.59	ng/ul	88
34) 2-Methylnaphthalene	12.46	142	48247	19.23	ng/ul	98

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35) 1-Methylnaphthalene	12.68	142	48889	19.90	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.83	216	28114	19.38	ng/ul	96
38) Hexachlorocyclopentadiene	12.81	237	11598	13.44	ng/ul	96
39) 2,4,6-Trichlorophenol	13.07	196	19972	22.13	ng/ul	97
40) 2,4,5-Trichlorophenol	13.16	196	22051	22.21	ng/ul	97
41) 1,1'-Biphenyl	13.47	154	68422	19.36	ng/ul#	97
42) 2-Chloronaphthalene	13.52	162	53275	19.50	ng/ul	97
43) 2-Nitroaniline	13.72	65	23056	21.56	ng/ul	92
45) Dimethylphthalate	14.09	163	79679	19.98	ng/ul	99
46) 2,6-Dinitrotoluene	14.21	165	16326	21.47	ng/ul#	85
48) Acenaphthylene	14.36	152	93688	19.85	ng/ul	98
49) 3-Nitroaniline	14.54	138	16866	23.14	ng/ul	93
50) Acenaphthene	14.70	153	62057	19.64	ng/ul	97
51) 2,4-Dinitrophenol	14.75	184	10793	24.79	ng/ul#	84
53) 4-Nitrophenol	14.87	109	18273	23.48	ng/ul#	73
54) Dibenzofuran	15.04	168	86041	19.26	ng/ul	89
55) 2,4-Dinitrotoluene	15.00	165	26266	21.28	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.27	232	22446	23.53	ng/ul	90
57) Diethylphthalate	15.45	149	83455	20.16	ng/ul	97
59) Fluorene	15.68	166	76734	20.07	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.67	204	38737	19.65	ng/ul#	88
61) 4-Nitroaniline	15.71	138	18896	21.88	ng/ul#	67
64) 4,6-Dinitro-2-methylphenol	15.77	198	16629	21.65	ng/ul#	89
65) N-Nitrosodiphenylamine	15.89	169	68496	20.22	ng/ul	98
66) 4-Bromophenyl-phenylether	16.57	248	26910	19.31	ng/ul	95
67) Hexachlorobenzene	16.69	284	32085	19.87	ng/ul	97
68) Atrazine	16.84	200	34659	21.29	ng/ul	95
69) Pentachlorophenol	17.03	266	19270	23.22	ng/ul	92
70) Phenanthrene	17.42	178	139122	20.22	ng/ul	99
72) Anthracene	17.52	178	141309	20.21	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	28873	19.22	ng/uL	90
74) Pentachlorobenzene	14.95	250	30664	18.64	ng/uL	98
75) Carbazole	17.79	167	126509	20.99	ng/ul	97
76) Di-n-butylphthalate	18.35	149	161650	20.37	ng/ul#	98
77) Fluoranthene	19.43	202	177334	20.59	ng/ul#	92
80) Pyrene	19.80	202	183937	19.25	ng/ul#	92
81) Butylbenzylphthalate	20.68	149	73436	21.14	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.55	252	64412	21.91	ng/ul	98
83) Benzo(a)anthracene	21.63	228	179380	19.73	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	100046	20.84	ng/ul#	96
85) Chrysene	21.69	228	166344	19.34	ng/ul	97
87) Di-n-octyl phthalate	22.75	149	173298	20.97	ng/ul	100
88) Benzo(b)fluoranthene	23.84	252	176180	20.00	ng/ul#	97
89) Benzo(k)fluoranthene	23.90	252	173572	20.08	ng/ul#	96
91) Benzo(a)pyrene	24.71	252	170490	20.13	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	28.51	276	191836m	19.08	ng/ul	
93) Dibenzo(a,h)anthracene	28.57	278	168470	19.22	ng/ul#	95
94) Benzo(g,h,i)perylene	29.65	276	148804m	17.99	ng/ul	

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

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