Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG100615\
Data File : BG019051.D
Acq On : 6 Oct 2015 18:39
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02037

Manual Integrations APPROVED
mmdadoda
10/7/2015 4:49:37 PM

Quant Time: Oct 07 11:04:06 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 07 01:38:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	19960	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	88671	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	62215	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	169382	20.00	ng/ul	0.00
78) Chrysene-d12	21.69	240	211500	20.00	ng/ul	0.00
86) Perylene-d12	24.93	264	209326	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	3057	6.92	ng/uL	0.00
5) Phenol-d5	7.20	99	33680	19.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	22197	19.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	25714	19.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	28416	21.02	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	12751	19.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	14420	20.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	28340	20.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	41151	24.45	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	104409	21.28	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	117065	19.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	23809	24.03	ng/ul	0.00
58) Fluorene-d10	15.66	176	91407	20.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.78	200	19848	21.60	ng/ul	0.00
71) Anthracene-d10	17.52	188	159830	20.04	ng/ul	0.00
79) Pyrene-d10	19.80	212	202723	20.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.70	264	210853	19.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	3785	7.79	ng/uL#	85
4) Benzaldehyde	7.18	77	22031	21.62	ng/ul	95
6) Phenol	7.23	94	35499	20.23	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.46	93	25820	19.52	ng/ul	98
10) 2-Chlorophenol	7.61	128	26656	19.87	ng/ul	93
11) 2-Methylphenol	8.49	108	27229	20.13	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.58	45	54153	20.87	ng/ul	96
14) Acetophenone	8.87	105	44283	21.14	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.85	70	24493	21.75	ng/ul	99
16) 4-Methylphenol	8.81	108	31072	20.84	ng/ul	95
17) Hexachloroethane	9.13	117	10683	20.02	ng/ul	91
20) Nitrobenzene	9.25	77	34189	20.49	ng/ul	95
21) Isophorone	9.77	82	69578	21.37	ng/ul#	96
23) 2-Nitrophenol	9.96	139	15823	21.36	ng/ul	92
24) 2,4-Dimethylphenol	10.02	107	35403	21.07	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.25	93	37401	19.43	ng/ul	100
27) 2,4-Dichlorophenol	10.50	162	28765	20.38	ng/ul	97
28) Naphthalene	10.91	128	90373	19.68	ng/ul	96
30) 4-Chloroaniline	11.01	127	41537	23.87	ng/ul	96
31) Hexachlorobutadiene	11.19	225	18317	20.36	ng/ul	97
32) Caprolactam	11.76	113	13214m	27.78	ng/ul	
33) 4-Chloro-3-methylphenol	12.13	107	36450	23.55	ng/ul	91
34) 2-Methylnaphthalene	12.51	142	70053	20.37	ng/ul	98

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35) 1-Methylnaphthalene	12.73	142	68778	20.38	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	37655	18.64	ng/ul#	98
38) Hexachlorocyclopentadiene	12.86	237	20333	15.66	ng/ul	94
39) 2,4,6-Trichlorophenol	13.11	196	26671	20.31	ng/ul	95
40) 2,4,5-Trichlorophenol	13.18	196	29301	20.78	ng/ul	97
41) 1,1'-Biphenyl	13.51	154	93844	18.50	ng/ul	97
42) 2-Chloronaphthalene	13.55	162	74084	18.81	ng/ul	98
43) 2-Nitroaniline	13.75	65	29181	22.81	ng/ul	94
45) Dimethylphthalate	14.13	163	105707	21.10	ng/ul	99
46) 2,6-Dinitrotoluene	14.24	165	21317	22.13	ng/ul	97
48) Acenaphthylene	14.40	152	127204	19.58	ng/ul	99
49) 3-Nitroaniline	14.57	138	22809	23.97	ng/ul	89
50) Acenaphthene	14.74	153	85361	19.37	ng/ul	96
51) 2,4-Dinitrophenol	14.78	184	9074	16.27	ng/ul#	86
53) 4-Nitrophenol	14.88	109	20268	26.74	ng/ul	90
54) Dibenzofuran	15.07	168	119542	19.93	ng/ul	97
55) 2,4-Dinitrotoluene	15.03	165	34360	24.39	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	15.29	232	28970	22.27	ng/ul	97
57) Diethylphthalate	15.49	149	112290	22.34	ng/ul	98
59) Fluorene	15.72	166	104003	20.58	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.71	204	51230	20.52	ng/ul	95
61) 4-Nitroaniline	15.74	138	28081	26.12	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.79	198	20322	20.94	ng/ul	96
65) N-Nitrosodiphenylamine	15.93	169	94665	19.21	ng/ul	97
66) 4-Bromophenyl-phenylether	16.60	248	34573	18.70	ng/ul	94
67) Hexachlorobenzene	16.73	284	40467	19.24	ng/ul	99
68) Atrazine	16.88	200	48751	23.85	ng/ul	97
69) Pentachlorophenol	17.07	266	23068	17.48	ng/ul	92
70) Phenanthrene	17.46	178	190140	19.92	ng/ul	100
72) Anthracene	17.56	178	191806	19.94	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.47	216	37452	16.39	ng/uL	97
74) Pentachlorobenzene	15.00	250	39959	17.95	ng/uL	99
75) Carbazole	17.82	167	188230	22.68	ng/ul	99
76) Di-n-butylphthalate	18.39	149	230305	21.71	ng/ul	98
77) Fluoranthene	19.47	202	259069	23.31	ng/ul	97
80) Pyrene	19.83	202	262100	20.59	ng/ul	99
81) Butylbenzylphthalate	20.72	149	100805	20.88	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.59	252	85558	21.85	ng/ul	99
83) Benzo(a)anthracene	21.68	228	242373	19.85	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	146625	20.93	ng/ul	96
85) Chrysene	21.74	228	227689	19.77	ng/ul	99
87) Di-n-octyl phthalate	22.82	149	253002	21.29	ng/ul	100
88) Benzo(b)fluoranthene	23.90	252	234439	19.01	ng/ul	98
89) Benzo(k)fluoranthene	23.97	252	238186	19.83	ng/ul	98
91) Benzo(a)pyrene	24.78	252	233495	19.55	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	28.61	276	273477	19.98	ng/ul	99
93) Dibenzo(a,h)anthracene	28.68	278	236492m	19.99	ng/ul	
94) Benzo(g,h,i)perylene	29.77	276	224964	19.74	ng/ul	97

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

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