Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
Data File : BG019239.D
Acq On : 17 Oct 2015 1:08
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02014

Manual Integrations APPROVED
MMdadoda
10/19/2015 6:29:39 PM

Quant Time: Oct 19 04:27:46 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	8.01	152	21008	20.00	ng/ul	0.01
18) Naphthalene-d8	10.82	136	96794	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.65	164	59629	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.39	188	132991	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	144957	20.00	ng/ul	0.00
86) Perylene-d12	24.88	264	139499m	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	2537	6.73	ng/uL	0.00
5) Phenol-d5	7.19	99	37392	20.40	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.34	67	22755	19.29	ng/ul	0.01
9) 2-Chlorophenol-d4	7.55	132	28448	21.29	ng/ul	0.01
13) 4-Methylphenol-d8	8.73	113	31642	20.37	ng/ul	0.02
19) Nitrobenzene-d5	9.18	128	15093	20.24	ng/ul	0.01
22) 2-Nitrophenol-d4	9.90	143	17734	22.41	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.45	165	32510	20.74	ng/ul	0.01
29) 4-Chloroaniline-d4	10.96	131	41085	20.35	ng/ul	0.01
44) Dimethylphthalate-d6	14.05	166	92059	17.65	ng/ul	0.01
47) Acenaphthylene-d8	14.34	160	113869	20.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.86	143	18574	19.81	ng/ul	0.03
58) Fluorene-d10	15.63	176	84378	18.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.76	200	16871	20.56	ng/ul	0.01
71) Anthracene-d10	17.49	188	125840	20.03	ng/ul	0.01
79) Pyrene-d10	19.78	212	128420	19.53	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.65	264	134036	19.02	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	2930	6.59	ng/uL#	83
4) Benzaldehyde	7.15	77	23500	22.05	ng/ul	90
6) Phenol	7.22	94	38567	20.20	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.43	93	26538	19.60	ng/ul	97
10) 2-Chlorophenol	7.58	128	29495	21.49	ng/ul	98
11) 2-Methylphenol	8.47	108	29710	19.83	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.55	45	44947	14.89	ng/ul#	97
14) Acetophenone	8.84	105	50322	19.19	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.82	70	24216	18.08	ng/ul	98
16) 4-Methylphenol	8.80	108	33858	20.14	ng/ul	96
17) Hexachloroethane	9.10	117	7812	13.23	ng/ul	96
20) Nitrobenzene	9.22	77	40499	19.81	ng/ul	97
21) Isophorone	9.75	82	55340	13.89	ng/ul#	97
23) 2-Nitrophenol	9.93	139	17200	20.45	ng/ul#	68
24) 2,4-Dimethylphenol	10.00	107	41371	20.31	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.22	93	38896	18.90	ng/ul#	96
27) 2,4-Dichlorophenol	10.48	162	33010	20.85	ng/ul	96
28) Naphthalene	10.87	128	98381	19.45	ng/ul	97
30) 4-Chloroaniline	10.98	127	42542	20.45	ng/ul	99
31) Hexachlorobutadiene	11.15	225	18828	16.29	ng/ul	90
32) Caprolactam	11.77	113	9671m	16.50	ng/ul	
33) 4-Chloro-3-methylphenol	12.11	107	39237	19.68	ng/ul	94
34) 2-Methylnaphthalene	12.47	142	75993	18.95	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.69	142	72533	18.47	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	41993	21.97	ng/ul#	98
38) Hexachlorocyclopentadiene	12.82	237	6267	5.51	ng/ul	99
39) 2,4,6-Trichlorophenol	13.08	196	27460	23.10	ng/ul	98
40) 2,4,5-Trichlorophenol	13.16	196	30021	22.96	ng/ul	97
41) 1,1'-Biphenyl	13.48	154	99843	21.45	ng/ul	95
42) 2-Chloronaphthalene	13.52	162	77366	21.50	ng/ul	97
43) 2-Nitroaniline	13.73	65	28770	20.43	ng/ul	95
45) Dimethylphthalate	14.09	163	93235	17.75	ng/ul	100
46) 2,6-Dinitrotoluene	14.22	165	20915	20.88	ng/ul#	84
48) Acenaphthylene	14.37	152	121591	19.56	ng/ul	99
49) 3-Nitroaniline	14.55	138	19739	20.56	ng/ul	88
50) Acenaphthene	14.71	153	83283	20.00	ng/ul	98
51) 2,4-Dinitrophenol	14.76	184	12274	21.41	ng/ul#	81
53) 4-Nitrophenol	14.88	109	19089	18.62	ng/ul	82
54) Dibenzofuran	15.04	168	116110	19.73	ng/ul	92
55) 2,4-Dinitrotoluene	15.01	165	31586	19.43	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.28	232	26847	21.36	ng/ul	92
57) Diethylphthalate	15.46	149	87773	16.10	ng/ul	98
59) Fluorene	15.69	166	98792	19.62	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.68	204	49299	18.99	ng/ul	91
61) 4-Nitroaniline	15.72	138	21239	18.67	ng/ul#	78
64) 4,6-Dinitro-2-methylphenol	15.77	198	16402	19.79	ng/ul#	90
65) N-Nitrosodiphenylamine	15.90	169	82660	22.62	ng/ul	98
66) 4-Bromophenyl-phenylether	16.57	248	32414	21.55	ng/ul	91
67) Hexachlorobenzene	16.70	284	33689	19.34	ng/ul	98
68) Atrazine	16.85	200	24815	14.12	ng/ul	97
69) Pentachlorophenol	17.04	266	20261	22.63	ng/ul	94
70) Phenanthrene	17.43	178	146759	19.76	ng/ul	98
72) Anthracene	17.53	178	151041	20.02	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.45	216	41788	25.78	ng/uL	96
74) Pentachlorobenzene	14.96	250	41301	23.27	ng/uL	97
75) Carbazole	17.80	167	131800	20.27	ng/ul	98
76) Di-n-butylphthalate	18.35	149	136931	15.99	ng/ul#	98
77) Fluoranthene	19.44	202	163390	17.58	ng/ul#	90
80) Pyrene	19.81	202	166575	19.36	ng/ul#	91
81) Butylbenzylphthalate	20.69	149	60662	19.39	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.56	252	52367	19.78	ng/ul	98
83) Benzo(a)anthracene	21.64	228	159112	19.43	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	82019	18.97	ng/ul#	96
85) Chrysene	21.70	228	156650m	20.23	ng/ul	
87) Di-n-octyl phthalate	22.76	149	146151	19.69	ng/ul	100
88) Benzo(b)fluoranthene	23.85	252	143143	18.09	ng/ul#	96
89) Benzo(k)fluoranthene	23.92	252	162141m	20.88	ng/ul	
91) Benzo(a)pyrene	24.72	252	142082	18.68	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	28.53	276	149130	16.51	ng/ul#	92
93) Dibenzo(a,h)anthracene	28.60	278	127440	16.19	ng/ul#	93
94) Benzo(g,h,i)perylene	29.67	276	123006m	16.56	ng/ul	

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

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