Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090915\
Data File : BG018596.D
Acq On : 9 Sep 2015 21:12
Operator : UM/IZ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02026

Manual Integrations APPROVED
MMDadoda
9/10/2015 1:30:41 PM

Quant Time: Sep 10 02:02:05 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 10 01:07:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	159071	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	714224	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	469105	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	1124531	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	1196758	20.00	ng/ul	0.00
86) Perylene-d12	24.84	264	1264737	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	23592	6.55	ng/uL	0.00
5) Phenol-d5	7.17	99	300619	20.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	175206	19.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	224296	20.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	247434	20.40	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	119548	21.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	131061	23.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	265075	22.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	342166	25.16	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	795178	20.15	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	961447	19.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	154285	21.73	ng/ul	0.00
58) Fluorene-d10	15.63	176	695959	20.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	134070	24.24	ng/ul	0.00
71) Anthracene-d10	17.48	188	1099885	20.45	ng/ul	0.00
79) Pyrene-d10	19.76	212	1225643	19.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.62	264	1354167	20.17	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	25335	6.57	ng/uL#	79
4) Benzaldehyde	7.14	77	194473	22.96	ng/ul	96
6) Phenol	7.20	94	311286	21.14	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.43	93	232134	20.49	ng/ul	94
10) 2-Chlorophenol	7.57	128	228925	20.31	ng/ul	96
11) 2-Methylphenol	8.45	108	238419	20.88	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.54	45	281973	15.51	ng/ul#	94
14) Acetophenone	8.83	105	375703	21.44	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.82	70	191856	19.08	ng/ul	90
16) 4-Methylphenol	8.78	108	264935	21.26	ng/ul	97
17) Hexachloroethane	9.10	117	89944	18.52	ng/ul	87
20) Nitrobenzene	9.21	77	276964	19.71	ng/ul	92
21) Isophorone	9.74	82	547027	20.24	ng/ul	98
23) 2-Nitrophenol	9.92	139	139283	22.12	ng/ul	90
24) 2,4-Dimethylphenol	9.98	107	274608	19.46	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.22	93	336216	19.96	ng/ul	96
27) 2,4-Dichlorophenol	10.46	162	250492	22.22	ng/ul	96
28) Naphthalene	10.86	128	777465	20.59	ng/ul	99
30) 4-Chloroaniline	10.97	127	330190	23.87	ng/ul	100
31) Hexachlorobutadiene	11.15	225	146641	20.59	ng/ul	93
32) Caprolactam	11.73	113	108758m	23.95	ng/ul	
33) 4-Chloro-3-methylphenol	12.09	107	269281	20.61	ng/ul	99
34) 2-Methylnaphthalene	12.47	142	569263	20.82	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.69	142	563346	21.10	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.83	216	305635	20.32	ng/ul	99
38) Hexachlorocyclopentadiene	12.81	237	164222	18.34	ng/ul	95
39) 2,4,6-Trichlorophenol	13.07	196	209316	20.43	ng/ul	99
40) 2,4,5-Trichlorophenol	13.14	196	225940	20.51	ng/ul	97
41) 1,1'-Biphenyl	13.47	154	755499	19.30	ng/ul	98
42) 2-Chloronaphthalene	13.51	162	581256	19.11	ng/ul	96
43) 2-Nitroaniline	13.71	65	178276	18.16	ng/ul#	76
45) Dimethylphthalate	14.09	163	775094	19.91	ng/ul	97
46) 2,6-Dinitrotoluene	14.21	165	169300	21.84	ng/ul	91
48) Acenaphthylene	14.36	152	984965	19.76	ng/ul	97
49) 3-Nitroaniline	14.54	138	195008	24.66	ng/ul#	86
50) Acenaphthene	14.70	153	686496	19.63	ng/ul	98
51) 2,4-Dinitrophenol	14.74	184	84504	22.35	ng/ul#	84
53) 4-Nitrophenol	14.85	109	116764	18.92	ng/ul	95
54) Dibenzofuran	15.04	168	916591	20.06	ng/ul	97
55) 2,4-Dinitrotoluene	14.99	165	242731	21.93	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	15.26	232	208657	21.74	ng/ul#	98
57) Diethylphthalate	15.45	149	811117	19.61	ng/ul	98
59) Fluorene	15.68	166	779034	19.82	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.68	204	373781	20.09	ng/ul	94
61) 4-Nitroaniline	15.70	138	198868	22.76	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.76	198	137967	23.39	ng/ul	98
65) N-Nitrosodiphenylamine	15.89	169	671950	19.86	ng/ul	97
66) 4-Bromophenyl-phenylether	16.57	248	255232	20.99	ng/ul	92
67) Hexachlorobenzene	16.69	284	273480	21.26	ng/ul	96
68) Atrazine	16.83	200	292539	23.10	ng/ul	99
69) Pentachlorophenol	17.03	266	177458	20.60	ng/ul	93
70) Phenanthrene	17.42	178	1215444	19.92	ng/ul	97
72) Anthracene	17.51	178	1239917	19.94	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	322438	20.72	ng/uL	97
74) Pentachlorobenzene	14.95	250	307914	20.73	ng/uL	97
75) Carbazole	17.78	167	1219099	22.36	ng/ul	96
76) Di-n-butylphthalate	18.34	149	1432597	20.12	ng/ul	97
77) Fluoranthene	19.42	202	1497353	22.98	ng/ul	99
80) Pyrene	19.79	202	1490484	18.42	ng/ul	97
81) Butylbenzylphthalate	20.67	149	658902	19.25	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.53	252	537427	21.62	ng/ul	97
83) Benzo(a)anthracene	21.62	228	1466417	19.76	ng/ul	93
84) Bis(2-ethylhexyl)phthalate	21.53	149	948049	19.60	ng/ul#	97
85) Chrysene	21.69	228	1342026	19.34	ng/ul	98
87) Di-n-octyl phthalate	22.73	149	1590214	19.49	ng/ul	100
88) Benzo(b)fluoranthene	23.82	252	1558277	19.61	ng/ul	98
89) Benzo(k)fluoranthene	23.89	252	1486242	19.43	ng/ul	98
91) Benzo(a)pyrene	24.69	252	1484364	19.65	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.48	276	1777601	20.33	ng/ul	100
93) Dibenzo(a,h)anthracene	28.55	278	1426364	19.64	ng/ul	97
94) Benzo(g,h,i)perylene	29.62	276	1486192m	20.24	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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