Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG110315\
Data File : BG019450.D
Acq On : 3 Nov 2015 13:44
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02029

Manual Integrations APPROVED
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11/3/2015 2:50:13 PM

Quant Time: Nov 03 14:23:18 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 03 00:57:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	33276	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	136917	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	112195	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	333173	20.00	ng/ul	0.00
78) Chrysene-d12	21.84	240	443763	20.00	ng/ul	0.00
86) Perylene-d12	25.19	264	422975	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	6036	8.69	ng/uL	0.00
5) Phenol-d5	7.33	99	61875	20.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	40581	20.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	38506	20.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	52637	21.63	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	20105	19.98	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	23084	19.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	54464	21.02	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	61514	23.46	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	197821	21.38	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	208501	20.35	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	33131	22.55	ng/ul	0.00
58) Fluorene-d10	15.80	176	173823	20.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	43880	20.35	ng/ul	0.00
71) Anthracene-d10	17.65	188	303363	19.97	ng/ul	0.00
79) Pyrene-d10	19.93	212	374378	19.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.96	264	420176	19.80	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	6587	8.33	ng/uL	96
4) Benzaldehyde	7.31	77	46751	23.53	ng/ul	94
6) Phenol	7.36	94	66373	20.40	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.59	93	48263	21.59	ng/ul	98
10) 2-Chlorophenol	7.74	128	39408	20.08	ng/ul	96
11) 2-Methylphenol	8.62	108	48726	20.25	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.71	45	39040	21.79	ng/ul	95
14) Acetophenone	9.01	105	86791	21.25	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.99	70	56158	20.98	ng/ul#	92
16) 4-Methylphenol	8.95	108	54765	20.84	ng/ul	98
17) Hexachloroethane	9.28	117	19691	19.20	ng/ul	90
20) Nitrobenzene	9.40	77	78652	19.99	ng/ul	99
21) Isophorone	9.92	82	152659	21.42	ng/ul	98
23) 2-Nitrophenol	10.11	139	27489	20.26	ng/ul#	76
24) 2,4-Dimethylphenol	10.17	107	71529	20.18	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.40	93	71862	21.30	ng/ul	95
27) 2,4-Dichlorophenol	10.65	162	49996	20.19	ng/ul#	95
28) Naphthalene	11.06	128	137095	20.01	ng/ul#	95
30) 4-Chloroaniline	11.17	127	61927	22.53	ng/ul	94
31) Hexachlorobutadiene	11.34	225	48556	19.19	ng/ul	97
32) Caprolactam	11.91	113	22979m	25.89	ng/ul	
33) 4-Chloro-3-methylphenol	12.28	107	69869	21.02	ng/ul	93
34) 2-Methylnaphthalene	12.65	142	109391	19.87	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.88	142	107442	20.63	ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	13.02	216	89090	19.27	ng/ul#	97
38) Hexachlorocyclopentadiene	12.99	237	58644	17.09	ng/ul	97
39) 2,4,6-Trichlorophenol	13.25	196	55880	20.44	ng/ul	88
40) 2,4,5-Trichlorophenol	13.33	196	62762	20.92	ng/ul	93
41) 1,1'-Biphenyl	13.65	154	162644	20.51	ng/ul#	93
42) 2-Chloronaphthalene	13.70	162	119954	19.39	ng/ul	98
43) 2-Nitroaniline	13.89	65	56515	21.36	ng/ul	98
45) Dimethylphthalate	14.26	163	199182	21.05	ng/ul#	98
46) 2,6-Dinitrotoluene	14.38	165	40443	21.12	ng/ul#	96
48) Acenaphthylene	14.54	152	209792	19.99	ng/ul	98
49) 3-Nitroaniline	14.71	138	36549	22.18	ng/ul#	78
50) Acenaphthene	14.88	153	141637	19.98	ng/ul	96
51) 2,4-Dinitrophenol	14.91	184	27163	18.87	ng/ul	92
53) 4-Nitrophenol	15.01	109	50771	22.16	ng/ul	86
54) Dibenzofuran	15.21	168	207417	19.87	ng/ul	94
55) 2,4-Dinitrotoluene	15.16	165	63131	20.88	ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	15.43	232	67873	21.64	ng/ul#	94
57) Diethylphthalate	15.61	149	202859	21.72	ng/ul	97
59) Fluorene	15.85	166	183214	20.12	ng/ul#	97
60) 4-Chlorophenyl-phenylether	15.84	204	106281	19.64	ng/ul	95
61) 4-Nitroaniline	15.87	138	40681	21.48	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.92	198	44894	19.25	ng/ul#	99
65) N-Nitrosodiphenylamine	16.05	169	170336	19.77	ng/ul	98
66) 4-Bromophenyl-phenylether	16.74	248	76403	19.30	ng/ul	98
67) Hexachlorobenzene	16.86	284	81685	19.44	ng/ul	92
68) Atrazine	16.99	200	88909	20.81	ng/ul	99
69) Pentachlorophenol	17.20	266	48619	19.60	ng/ul	94
70) Phenanthrene	17.59	178	334739	19.91	ng/ul	99
72) Anthracene	17.69	178	342209	19.97	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.62	216	88503	18.33	ng/uL	94
74) Pentachlorobenzene	15.13	250	91648	18.83	ng/uL	92
75) Carbazole	17.95	167	293732	21.48	ng/ul	97
76) Di-n-butylphthalate	18.49	149	353463	20.85	ng/ul	99
77) Fluoranthene	19.60	202	471777	21.67	ng/ul	99
80) Pyrene	19.96	202	484701	19.46	ng/ul#	93
81) Butylbenzylphthalate	20.82	149	161353	19.94	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.72	252	180651	20.78	ng/ul	98
83) Benzo(a)anthracene	21.81	228	509446	19.71	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.70	149	233019	20.26	ng/ul	99
85) Chrysene	21.88	228	474904	19.59	ng/ul	99
87) Di-n-octyl phthalate	22.96	149	397187	20.74	ng/ul	100
88) Benzo(b)fluoranthene	24.11	252	491066	19.69	ng/ul#	99
89) Benzo(k)fluoranthene	24.19	252	480539	20.01	ng/ul	99
91) Benzo(a)pyrene	25.03	252	464448	19.38	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	29.03	276	528861	19.59	ng/ul#	98
93) Dibenzo(a,h)anthracene	29.10	278	443268	19.67	ng/ul	99
94) Benzo(g,h,i)perylene	30.24	276	435322m	21.24	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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