Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018816.D
Acq On : 22 Sep 2015 14:25
Operator : TP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02002

Manual Integrations APPROVED
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9/22/2015 5:12:03 PM

Quant Time: Sep 22 15:26:55 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 22 03:49:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	60450	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	264028	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.62	164	179223	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	476991	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	554743	20.00	ng/ul	0.00
86) Perylene-d12	24.82	264	574096	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	10213	8.12	ng/uL	0.00
5) Phenol-d5	7.16	99	103173	20.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	60658	21.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	81556	21.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	82953	20.59	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	40910	20.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	42352	21.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	86702	20.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	115258	23.39	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	289739	20.09	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	349294	20.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	54012	19.51	ng/ul	0.00
58) Fluorene-d10	15.62	176	258087	20.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	44361	19.65	ng/ul	0.00
71) Anthracene-d10	17.47	188	428207	20.39	ng/ul	0.00
79) Pyrene-d10	19.75	212	507949	19.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.60	264	580118	20.76	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	11731	8.63	ng/uL#	68
4) Benzaldehyde	7.13	77	65655	22.87	ng/ul	91
6) Phenol	7.19	94	105698	20.58	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.42	93	82590	21.54	ng/ul	92
10) 2-Chlorophenol	7.56	128	80269	20.63	ng/ul	91
11) 2-Methylphenol	8.44	108	78504	19.88	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.53	45	93043	20.44	ng/ul#	90
14) Acetophenone	8.81	105	129558	21.12	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.80	70	63950	20.21	ng/ul#	84
16) 4-Methylphenol	8.77	108	89852	20.70	ng/ul	88
17) Hexachloroethane	9.08	117	31943	20.59	ng/ul#	74
20) Nitrobenzene	9.20	77	90261	19.46	ng/ul#	91
21) Isophorone	9.72	82	188073	19.90	ng/ul	100
23) 2-Nitrophenol	9.91	139	47866	21.11	ng/ul#	83
24) 2,4-Dimethylphenol	9.97	107	95544	20.33	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.21	93	113075	20.30	ng/ul	94
27) 2,4-Dichlorophenol	10.45	162	83868	19.79	ng/ul	95
28) Naphthalene	10.85	128	272623	20.29	ng/ul	100
30) 4-Chloroaniline	10.96	127	119131	23.37	ng/ul	98
31) Hexachlorobutadiene	11.14	225	54174	20.71	ng/ul	93
32) Caprolactam	11.71	113	34314m	19.77	ng/ul	
33) 4-Chloro-3-methylphenol	12.08	107	91878	20.33	ng/ul	97
34) 2-Methylnaphthalene	12.46	142	200663	20.22	ng/ul	93

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.67	142	192361	20.22	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.83	216	110647	19.92	ng/ul#	93
38) Hexachlorocyclopentadiene	12.80	237	57366	18.57	ng/ul	92
39) 2,4,6-Trichlorophenol	13.06	196	72638	20.13	ng/ul	99
40) 2,4,5-Trichlorophenol	13.14	196	77796	20.03	ng/ul	97
41) 1,1'-Biphenyl	13.46	154	268558	19.80	ng/ul	98
42) 2-Chloronaphthalene	13.50	162	210491	20.36	ng/ul	97
43) 2-Nitroaniline	13.70	65	58137	18.97	ng/ul	85
45) Dimethylphthalate	14.08	163	286569	20.50	ng/ul#	98
46) 2,6-Dinitrotoluene	14.20	165	62346	22.17	ng/ul#	76
48) Acenaphthylene	14.35	152	363150	19.97	ng/ul	98
49) 3-Nitroaniline	14.53	138	67534	22.62	ng/ul#	79
50) Acenaphthene	14.69	153	243628	19.89	ng/ul	99
51) 2,4-Dinitrophenol	14.74	184	19161	15.15	ng/ul#	83
53) 4-Nitrophenol	14.84	109	37323	19.67	ng/ul	92
54) Dibenzofuran	15.02	168	343792	20.01	ng/ul	95
55) 2,4-Dinitrotoluene	14.98	165	89431	21.37	ng/ul#	84
56) 2,3,4,6-Tetrachlorophenol	15.25	232	74222	19.78	ng/ul#	89
57) Diethylphthalate	15.44	149	298101	20.51	ng/ul	98
59) Fluorene	15.67	166	292478	20.15	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.66	204	142310	20.56	ng/ul#	89
61) 4-Nitroaniline	15.69	138	76724	22.35	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.75	198	45209	19.51	ng/ul#	90
65) N-Nitrosodiphenylamine	15.88	169	251895	20.16	ng/ul	96
66) 4-Bromophenyl-phenylether	16.56	248	93131	19.93	ng/ul#	90
67) Hexachlorobenzene	16.68	284	106405	20.54	ng/ul#	91
68) Atrazine	16.82	200	116947	21.25	ng/ul	98
69) Pentachlorophenol	17.02	266	53252	17.63	ng/ul	97
70) Phenanthrene	17.41	178	491672	20.28	ng/ul	99
72) Anthracene	17.50	178	498932	20.52	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.43	216	110686	19.50	ng/uL	97
74) Pentachlorobenzene	14.95	250	115621	20.86	ng/uL	95
75) Carbazole	17.77	167	474642	21.98	ng/ul	98
76) Di-n-butylphthalate	18.33	149	571341	20.94	ng/ul	99
77) Fluoranthene	19.42	202	633498	23.57	ng/ul	97
80) Pyrene	19.78	202	648024	19.87	ng/ul	96
81) Butylbenzylphthalate	20.66	149	261043	20.86	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.53	252	243955	24.80	ng/ul#	98
83) Benzo(a)anthracene	21.61	228	636428	20.69	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.51	149	390416	21.04	ng/ul	98
85) Chrysene	21.68	228	581438	20.49	ng/ul	99
87) Di-n-octyl phthalate	22.71	149	661857	21.79	ng/ul	100
88) Benzo(b)fluoranthene	23.80	252	660352	20.34	ng/ul	99
89) Benzo(k)fluoranthene	23.87	252	635997	20.45	ng/ul	98
91) Benzo(a)pyrene	24.67	252	632389	20.50	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.45	276	749588	20.95	ng/ul	99
93) Dibenzo(a,h)anthracene	28.51	278	613896	21.38	ng/ul	97
94) Benzo(g,h,i)perylene	29.58	276	618486	20.71	ng/ul	98

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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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