Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093015\
Data File : BG018967.D
Acq On : 30 Sep 2015 10:43
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02019

Manual Integrations APPROVED
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9/30/2015 6:13:10 PM

Quant Time: Sep 30 17:14:04 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 30 04:08:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	48913	20.00	ng/ul	0.00
18) Naphthalene-d8	10.78	136	218689	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.62	164	158821	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.35	188	433037	20.00	ng/ul	0.00
78) Chrysene-d12	21.61	240	479855	20.00	ng/ul	0.00
86) Perylene-d12	24.79	264	493116	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	7789	7.66	ng/uL	0.00
5) Phenol-d5	7.15	99	82361	20.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.31	67	45913	19.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.52	132	65031	21.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.69	113	68118	20.90	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	34422	20.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	37101	22.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.41	165	76778	21.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	97936	24.00	ng/ul	0.00
44) Dimethylphthalate-d6	14.02	166	253239	19.81	ng/ul	0.00
47) Acenaphthylene-d8	14.31	160	304072	20.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	47475	19.35	ng/ul	0.00
58) Fluorene-d10	15.60	176	234527	20.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	42955	20.96	ng/ul	0.00
71) Anthracene-d10	17.45	188	396747	20.81	ng/ul	0.00
79) Pyrene-d10	19.74	212	469705	21.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.57	264	497496	20.73	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	7922	7.20	ng/uL#	71
4) Benzaldehyde	7.12	77	50854	21.89	ng/ul	96
6) Phenol	7.18	94	84620	20.37	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.40	93	64302	20.72	ng/ul	93
10) 2-Chlorophenol	7.55	128	66747	21.20	ng/ul#	90
11) 2-Methylphenol	8.43	108	66136	20.70	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.52	45	68017	18.47	ng/ul#	91
14) Acetophenone	8.80	105	104058	20.96	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.79	70	48269	18.85	ng/ul#	83
16) 4-Methylphenol	8.76	108	75736	21.56	ng/ul	91
17) Hexachloroethane	9.07	117	25427	20.26	ng/ul#	73
20) Nitrobenzene	9.19	77	72494	18.87	ng/ul#	83
21) Isophorone	9.70	82	148631	18.98	ng/ul	98
23) 2-Nitrophenol	9.90	139	40876	21.77	ng/ul#	82
24) 2,4-Dimethylphenol	9.96	107	78705	20.22	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.19	93	91543	19.84	ng/ul	97
27) 2,4-Dichlorophenol	10.44	162	75376	21.47	ng/ul	96
28) Naphthalene	10.84	128	225615	20.27	ng/ul	98
30) 4-Chloroaniline	10.95	127	99603	23.59	ng/ul	100
31) Hexachlorobutadiene	11.12	225	46431	21.43	ng/ul	94
32) Caprolactam	11.70	113	29005m	20.18	ng/ul	
33) 4-Chloro-3-methylphenol	12.07	107	78529	20.98	ng/ul	98
34) 2-Methylnaphthalene	12.44	142	172001	20.92	ng/ul	92

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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	12.66	142	163948	20.81	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.81	216	98858	20.08	ng/ul#	95
38) Hexachlorocyclopentadiene	12.79	237	26531	9.69	ng/ul	95
39) 2,4,6-Trichlorophenol	13.05	196	63484	19.86	ng/ul	98
40) 2,4,5-Trichlorophenol	13.13	196	69134	20.08	ng/ul	97
41) 1,1'-Biphenyl	13.45	154	234355	19.50	ng/ul	97
42) 2-Chloronaphthalene	13.49	162	182009	19.87	ng/ul	97
43) 2-Nitroaniline	13.69	65	49052	18.06	ng/ul#	61
45) Dimethylphthalate	14.06	163	246748	19.91	ng/ul#	98
46) 2,6-Dinitrotoluene	14.19	165	55881	22.42	ng/ul#	84
48) Acenaphthylene	14.34	152	321638	19.96	ng/ul	99
49) 3-Nitroaniline	14.52	138	62286	23.55	ng/ul#	82
50) Acenaphthene	14.68	153	213671	19.68	ng/ul	98
51) 2,4-Dinitrophenol	14.73	184	15150	13.52	ng/ul#	85
53) 4-Nitrophenol	14.83	109	29932	17.80	ng/ul	89
54) Dibenzofuran	15.01	168	306604	20.13	ng/ul	94
55) 2,4-Dinitrotoluene	14.97	165	83458	22.50	ng/ul#	81
56) 2,3,4,6-Tetrachlorophenol	15.24	232	64130	19.29	ng/ul#	87
57) Diethylphthalate	15.42	149	253627	19.70	ng/ul	97
59) Fluorene	15.66	166	262776	20.42	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.65	204	128700	20.99	ng/ul	91
61) 4-Nitroaniline	15.68	138	69696	22.91	ng/ul#	83
64) 4,6-Dinitro-2-methylphenol	15.74	198	43586	20.72	ng/ul#	83
65) N-Nitrosodiphenylamine	15.86	169	225403	19.87	ng/ul	95
66) 4-Bromophenyl-phenylether	16.54	248	87182	20.55	ng/ul#	90
67) Hexachlorobenzene	16.67	284	101284	21.53	ng/ul	94
68) Atrazine	16.81	200	105241	21.07	ng/ul	98
69) Pentachlorophenol	17.01	266	32446	11.83	ng/ul	89
70) Phenanthrene	17.40	178	452944	20.57	ng/ul	100
72) Anthracene	17.49	178	456858	20.69	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.42	216	96694	18.77	ng/uL	99
74) Pentachlorobenzene	14.93	250	106601	21.18	ng/uL	95
75) Carbazole	17.76	167	441285	22.51	ng/ul	99
76) Di-n-butylphthalate	18.31	149	506817	20.46	ng/ul	99
77) Fluoranthene	19.40	202	578237	23.70	ng/ul	96
80) Pyrene	19.77	202	584621	20.72	ng/ul	97
81) Butylbenzylphthalate	20.64	149	234404	21.65	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.51	252	215854	25.37	ng/ul	98
83) Benzo(a)anthracene	21.60	228	554954	20.86	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	333822	20.80	ng/ul#	98
85) Chrysene	21.66	228	513785	20.94	ng/ul	97
87) Di-n-octyl phthalate	22.68	149	571674	21.91	ng/ul	100
88) Benzo(b)fluoranthene	23.78	252	576335	20.67	ng/ul	99
89) Benzo(k)fluoranthene	23.85	252	534509m	20.01	ng/ul	
91) Benzo(a)pyrene	24.64	252	542642	20.48	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	28.42	276	646793	21.05	ng/ul	97
93) Dibenzo(a,h)anthracene	28.46	278	524690	21.27	ng/ul	94
94) Benzo(g,h,i)perylene	29.54	276	533463	20.80	ng/ul	99

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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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