Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\Data\BG092915\
Data File : BG018954.D
Acq On : 29 Sep 2015 12:51
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Manual Integrations APPROVED
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9/30/2015 3:49:09 PM

Quant Time: Sep 30 02:20:01 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 29 00:58:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	44969	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	189545	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	133511	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.36	188	384828	20.00	ng/ul	0.00
78) Chrysene-d12	21.61	240	458530	20.00	ng/ul	0.00
86) Perylene-d12	24.79	264	468434	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	7180	7.68	ng/uL	0.00
5) Phenol-d5	7.16	99	72418	19.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.31	67	38491	17.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.52	132	58566	20.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	59505	19.86	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	30476	21.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	33111	22.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.41	165	64398	21.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	85051	24.04	ng/ul	0.00
44) Dimethylphthalate-d6	14.01	166	224687	20.91	ng/ul	0.00
47) Acenaphthylene-d8	14.31	160	257832	20.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	46214	22.41	ng/ul	0.00
58) Fluorene-d10	15.61	176	196405	20.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	41353	22.70	ng/ul	0.00
71) Anthracene-d10	17.46	188	357497	21.10	ng/ul	0.00
79) Pyrene-d10	19.74	212	447916	21.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.57	264	472944	20.75	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	7930	7.84	ng/uL#	78
4) Benzaldehyde	7.12	77	44931	21.04	ng/ul	88
6) Phenol	7.18	94	76568	20.05	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.40	93	55883	19.59	ng/ul	96
10) 2-Chlorophenol	7.55	128	59986	20.72	ng/ul#	88
11) 2-Methylphenol	8.43	108	59297	20.19	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.52	45	61027	18.02	ng/ul#	91
14) Acetophenone	8.80	105	90139	19.75	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.78	70	43526	18.49	ng/ul#	82
16) 4-Methylphenol	8.76	108	65255	20.21	ng/ul	97
17) Hexachloroethane	9.07	117	22667	19.64	ng/ul#	83
20) Nitrobenzene	9.18	77	62691	18.83	ng/ul#	89
21) Isophorone	9.71	82	127053	18.72	ng/ul	95
23) 2-Nitrophenol	9.90	139	34949	21.47	ng/ul#	85
24) 2,4-Dimethylphenol	9.96	107	67605	20.04	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.19	93	78487	19.63	ng/ul	98
27) 2,4-Dichlorophenol	10.44	162	63613	20.91	ng/ul	95
28) Naphthalene	10.84	128	194601	20.17	ng/ul	97
30) 4-Chloroaniline	10.95	127	88235	24.11	ng/ul	97
31) Hexachlorobutadiene	11.12	225	39500	21.04	ng/ul	96
32) Caprolactam	11.70	113	28075m	22.53	ng/ul	
33) 4-Chloro-3-methylphenol	12.07	107	69222	21.34	ng/ul	98
34) 2-Methylnaphthalene	12.44	142	145590	20.43	ng/ul	95

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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	141305	20.69	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.81	216	83107	20.08	ng/ul#	95
38) Hexachlorocyclopentadiene	12.79	237	31873	13.85	ng/ul#	95
39) 2,4,6-Trichlorophenol	13.05	196	57542	21.41	ng/ul	98
40) 2,4,5-Trichlorophenol	13.13	196	63739	22.02	ng/ul	98
41) 1,1'-Biphenyl	13.45	154	198546	19.65	ng/ul	94
42) 2-Chloronaphthalene	13.49	162	155373	20.17	ng/ul	97
43) 2-Nitroaniline	13.70	65	43931	19.24	ng/ul#	73
45) Dimethylphthalate	14.06	163	217143	20.85	ng/ul	98
46) 2,6-Dinitrotoluene	14.19	165	48522	23.16	ng/ul#	80
48) Acenaphthylene	14.34	152	274369	20.25	ng/ul	100
49) 3-Nitroaniline	14.52	138	56982	25.63	ng/ul#	79
50) Acenaphthene	14.68	153	183590	20.12	ng/ul	100
51) 2,4-Dinitrophenol	14.73	184	16637	17.66	ng/ul#	72
53) 4-Nitrophenol	14.84	109	28856	20.41	ng/ul#	82
54) Dibenzofuran	15.01	168	260152	20.32	ng/ul	93
55) 2,4-Dinitrotoluene	14.98	165	74698	23.96	ng/ul#	79
56) 2,3,4,6-Tetrachlorophenol	15.24	232	59559	21.31	ng/ul#	88
57) Diethylphthalate	15.42	149	224186	20.71	ng/ul	99
59) Fluorene	15.66	166	226696	20.96	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.65	204	108869	21.12	ng/ul	90
61) 4-Nitroaniline	15.68	138	66145	25.87	ng/ul#	79
64) 4,6-Dinitro-2-methylphenol	15.74	198	41044	21.96	ng/ul#	84
65) N-Nitrosodiphenylamine	15.86	169	198765	19.72	ng/ul	96
66) 4-Bromophenyl-phenylether	16.54	248	74695	19.81	ng/ul	92
67) Hexachlorobenzene	16.67	284	90277	21.60	ng/ul#	90
68) Atrazine	16.81	200	97926	22.06	ng/ul	98
69) Pentachlorophenol	17.01	266	33631	13.80	ng/ul	98
70) Phenanthrene	17.40	178	407500	20.83	ng/ul	98
72) Anthracene	17.49	178	408874	20.84	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.42	216	83673	18.27	ng/uL	96
74) Pentachlorobenzene	14.94	250	88301	19.75	ng/uL	90
75) Carbazole	17.76	167	411958	23.64	ng/ul	97
76) Di-n-butylphthalate	18.31	149	486287	22.09	ng/ul	99
77) Fluoranthene	19.41	202	542376	25.01	ng/ul	95
80) Pyrene	19.77	202	565743	20.98	ng/ul	96
81) Butylbenzylphthalate	20.65	149	223067	21.56	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.50	252	212345	26.12	ng/ul	96
83) Benzo(a)anthracene	21.59	228	529262	20.82	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.49	149	323462	21.09	ng/ul#	97
85) Chrysene	21.66	228	484574	20.66	ng/ul	98
87) Di-n-octyl phthalate	22.68	149	548527	22.13	ng/ul	100
88) Benzo(b)fluoranthene	23.78	252	537765	20.30	ng/ul	98
89) Benzo(k)fluoranthene	23.85	252	525937	20.73	ng/ul	97
91) Benzo(a)pyrene	24.64	252	513734	20.41	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.40	276	606273	20.77	ng/ul	98
93) Dibenzo(a,h)anthracene	28.46	278	504049	21.51	ng/ul	95
94) Benzo(g,h,i)perylene	29.54	276	504612	20.71	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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