Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019326.D
Acq On : 24 Oct 2015 8:33
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02032

Manual Integrations APPROVED
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10/26/2015 7:38:21 PM

Quant Time: Oct 25 02:37:00 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 25 01:11:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	31202	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	126074	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.86	164	101265	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	283426	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	395286	20.00	ng/ul	0.00
86) Perylene-d12	25.27	264	380863	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	5457	9.71	ng/uL	0.00
5) Phenol-d5	7.37	99	60617	22.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	38441	23.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	37344	21.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.93	113	45596	21.30	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	20375	21.28	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	23093	21.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.67	165	50766	21.28	ng/ul	0.00
29) 4-Chloroaniline-d4	11.19	131	56060	23.66	ng/ul	0.00
44) Dimethylphthalate-d6	14.25	166	169768	20.22	ng/ul	0.00
47) Acenaphthylene-d8	14.55	160	191494	20.61	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	27530	20.16	ng/ul	0.00
58) Fluorene-d10	15.85	176	157634	20.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	38141	20.44	ng/ul	0.00
71) Anthracene-d10	17.70	188	270179	20.82	ng/ul	0.00
79) Pyrene-d10	19.96	212	348087	20.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.03	264	406531	20.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.60	88	5725	9.09	ng/uL#	77
4) Benzaldehyde	7.37	77	43252	25.38	ng/ul	90
6) Phenol	7.40	94	63640	22.05	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.64	93	45468	23.18	ng/ul	91
10) 2-Chlorophenol	7.80	128	38746	21.50	ng/ul#	88
11) 2-Methylphenol	8.67	108	45517	20.37	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.77	45	33985	23.54	ng/ul	97
14) Acetophenone	9.07	105	77911	21.66	ng/ul	89
15) N-Nitroso-di-n-propylamine	9.04	70	48618	21.99	ng/ul#	88
16) 4-Methylphenol	8.99	108	50610	21.36	ng/ul	93
17) Hexachloroethane	9.34	117	18675	20.21	ng/ul	95
20) Nitrobenzene	9.45	77	74026	21.71	ng/ul	97
21) Isophorone	9.98	82	129865	21.81	ng/ul	97
23) 2-Nitrophenol	10.16	139	24293	19.97	ng/ul#	83
24) 2,4-Dimethylphenol	10.21	107	65795	21.35	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.46	93	62550	21.73	ng/ul	98
27) 2,4-Dichlorophenol	10.70	162	48369	20.80	ng/ul	93
28) Naphthalene	11.12	128	132085	21.04	ng/ul#	93
30) 4-Chloroaniline	11.21	127	58143	23.63	ng/ul	96
31) Hexachlorobutadiene	11.40	225	49346	20.49	ng/ul	92
32) Caprolactam	11.97	113	16336m	21.98	ng/ul	
33) 4-Chloro-3-methylphenol	12.31	107	62396	20.86	ng/ul#	95
34) 2-Methylnaphthalene	12.70	142	105998	20.29	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.92	142	103186	21.20 ng/ul	92
37) 1,2,4,5-Tetrachlorobenzene	13.07	216	87633	21.19 ng/ul#	96
38) Hexachlorocyclopentadiene	13.05	237	68102	20.59 ng/ul#	86
39) 2,4,6-Trichlorophenol	13.29	196	51951	20.70 ng/ul	96
40) 2,4,5-Trichlorophenol	13.36	196	56108m	19.96 ng/ul	
41) 1,1'-Biphenyl	13.70	154	149247	20.42 ng/ul#	96
42) 2-Chloronaphthalene	13.74	162	116920	20.34 ng/ul	96
43) 2-Nitroaniline	13.93	65	45528	20.06 ng/ul	97
45) Dimethylphthalate	14.30	163	171397	20.44 ng/ul#	98
46) 2,6-Dinitrotoluene	14.42	165	34986	19.87 ng/ul	94
48) Acenaphthylene	14.58	152	193076	20.49 ng/ul	97
49) 3-Nitroaniline	14.75	138	30855	21.03 ng/ul	86
50) Acenaphthene	14.92	153	131028	20.80 ng/ul	99
51) 2,4-Dinitrophenol	14.95	184	27628	19.67 ng/ul#	83
53) 4-Nitrophenol	15.03	109	45249	20.10 ng/ul#	89
54) Dibenzofuran	15.25	168	193233	20.21 ng/ul	97
55) 2,4-Dinitrotoluene	15.20	165	53588	20.67 ng/ul#	91
56) 2,3,4,6-Tetrachlorophenol	15.47	232	59902	19.07 ng/ul	96
57) Diethylphthalate	15.66	149	167622	20.06 ng/ul	98
59) Fluorene	15.90	166	166457	20.05 ng/ul	96
60) 4-Chlorophenyl-phenylether	15.89	204	99823	19.57 ng/ul	96
61) 4-Nitroaniline	15.90	138	34877	20.14 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.96	198	41419	21.17 ng/ul#	93
65) N-Nitrosodiphenylamine	16.09	169	147747	20.47 ng/ul	98
66) 4-Bromophenyl-phenylether	16.78	248	70959	20.22 ng/ul	98
67) Hexachlorobenzene	16.90	284	75554	20.72 ng/ul	97
68) Atrazine	17.04	200	75564	20.54 ng/ul	99
69) Pentachlorophenol	17.23	266	50250	19.37 ng/ul	91
70) Phenanthrene	17.64	178	299455	20.89 ng/ul	98
72) Anthracene	17.73	178	305742	21.13 ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	13.67	216	84802	21.61 ng/uL	93
74) Pentachlorobenzene	15.17	250	85213	21.13 ng/uL	94
75) Carbazole	17.99	167	259347	22.03 ng/ul	98
76) Di-n-butylphthalate	18.54	149	300112	21.62 ng/ul	98
77) Fluoranthene	19.63	202	432281	22.49 ng/ul#	97
80) Pyrene	19.99	202	445659	20.11 ng/ul#	96
81) Butylbenzylphthalate	20.87	149	142679	20.97 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.76	252	167557	21.41 ng/ul#	95
83) Benzo(a)anthracene	21.86	228	476676	20.79 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.76	149	198259	21.08 ng/ul	99
85) Chrysene	21.93	228	445630	21.15 ng/ul	97
87) Di-n-octyl phthalate	23.04	149	342088	21.30 ng/ul	100
88) Benzo(b)fluoranthene	24.19	252	467769m	20.09 ng/ul	
89) Benzo(k)fluoranthene	24.26	252	447963	20.15 ng/ul	99
91) Benzo(a)pyrene	25.11	252	448487	20.78 ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	29.15	276	503585	20.68 ng/ul	96
93) Dibenzo(a,h)anthracene	29.23	278	416851	20.63 ng/ul	96
94) Benzo(g,h,i)perylene	30.37	276	418675m	20.79 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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