Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018920.D
Acq On : 26 Sep 2015 19:42
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02012

Manual Integrations APPROVED
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9/28/2015 6:15:23 PM

Quant Time: Sep 28 04:33:18 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 28 00:51:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	42215	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	176212	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	117184	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.35	188	328298	20.00	ng/ul	0.00
78) Chrysene-d12	21.61	240	404049	20.00	ng/ul	0.00
86) Perylene-d12	24.78	264	415483	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	5721	6.52	ng/uL	0.01
5) Phenol-d5	7.16	99	61702	17.80	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.32	67	36102	17.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.52	132	49938	19.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	50815	18.07	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	25710	19.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	28401	21.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.41	165	55925	19.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	71597	21.77	ng/ul	0.00
44) Dimethylphthalate-d6	14.02	166	181237	19.22	ng/ul	0.00
47) Acenaphthylene-d8	14.31	160	218042	19.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	35594	19.67	ng/ul	0.00
58) Fluorene-d10	15.60	176	164564	19.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.72	200	32226	20.74	ng/ul	0.00
71) Anthracene-d10	17.45	188	283527	19.62	ng/ul	0.00
79) Pyrene-d10	19.74	212	345385	18.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.56	264	399644	19.76	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	6811	7.17	ng/uL#	73
4) Benzaldehyde	7.13	77	39345	19.62	ng/ul	90
6) Phenol	7.19	94	64105	17.88	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.41	93	49688	18.55	ng/ul	88
10) 2-Chlorophenol	7.56	128	50202	18.47	ng/ul	92
11) 2-Methylphenol	8.44	108	50217	18.21	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.52	45	53160	16.72	ng/ul#	89
14) Acetophenone	8.81	105	79349	18.52	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.79	70	37933	17.16	ng/ul#	80
16) 4-Methylphenol	8.76	108	56145	18.52	ng/ul	95
17) Hexachloroethane	9.07	117	20092	18.55	ng/ul#	83
20) Nitrobenzene	9.19	77	54368	17.56	ng/ul#	88
21) Isophorone	9.71	82	108744	17.24	ng/ul#	92
23) 2-Nitrophenol	9.90	139	29996	19.82	ng/ul#	82
24) 2,4-Dimethylphenol	9.97	107	58385	18.61	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.19	93	68699	18.48	ng/ul	95
27) 2,4-Dichlorophenol	10.44	162	54457	19.25	ng/ul	91
28) Naphthalene	10.84	128	166331	18.55	ng/ul	97
30) 4-Chloroaniline	10.95	127	74284	21.84	ng/ul	98
31) Hexachlorobutadiene	11.12	225	33872	19.40	ng/ul#	90
32) Caprolactam	11.71	113	19899	17.18	ng/ul#	83
33) 4-Chloro-3-methylphenol	12.08	107	58477	19.39	ng/ul	98
34) 2-Methylnaphthalene	12.44	142	123862	18.70	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	12.66	142	121662	19.16	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.81	216	70738	19.47	ng/ul#	95
38) Hexachlorocyclopentadiene	12.79	237	26790	13.26	ng/ul#	89
39) 2,4,6-Trichlorophenol	13.05	196	47550	20.16	ng/ul	99
40) 2,4,5-Trichlorophenol	13.13	196	51899	20.43	ng/ul	97
41) 1,1'-Biphenyl	13.45	154	173532	19.57	ng/ul	92
42) 2-Chloronaphthalene	13.49	162	133448	19.74	ng/ul	98
43) 2-Nitroaniline	13.69	65	36293	18.11	ng/ul#	79
45) Dimethylphthalate	14.06	163	178951	19.57	ng/ul	96
46) 2,6-Dinitrotoluene	14.19	165	38729	21.06	ng/ul#	79
48) Acenaphthylene	14.34	152	232451	19.55	ng/ul	100
49) 3-Nitroaniline	14.51	138	43830	22.46	ng/ul	84
50) Acenaphthene	14.67	153	154710	19.32	ng/ul	100
51) 2,4-Dinitrophenol	14.73	184	15686	18.97	ng/ul#	72
53) 4-Nitrophenol	14.84	109	22983	18.52	ng/ul	84
54) Dibenzofuran	15.01	168	222758	19.83	ng/ul	95
55) 2,4-Dinitrotoluene	14.97	165	58633	21.42	ng/ul#	80
56) 2,3,4,6-Tetrachlorophenol	15.24	232	48010	19.57	ng/ul#	87
57) Diethylphthalate	15.43	149	183850	19.35	ng/ul	97
59) Fluorene	15.66	166	186477	19.64	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.65	204	89803	19.85	ng/ul	93
61) 4-Nitroaniline	15.68	138	52447	23.37	ng/ul#	82
64) 4,6-Dinitro-2-methylphenol	15.74	198	34155	21.42	ng/ul#	83
65) N-Nitrosodiphenylamine	15.86	169	164575	19.14	ng/ul	94
66) 4-Bromophenyl-phenylether	16.54	248	62636	19.47	ng/ul#	90
67) Hexachlorobenzene	16.67	284	68937	19.33	ng/ul#	90
68) Atrazine	16.81	200	76820	20.28	ng/ul	96
69) Pentachlorophenol	17.01	266	34170	16.44	ng/ul	94
70) Phenanthrene	17.40	178	325223	19.49	ng/ul	97
72) Anthracene	17.49	178	329112	19.66	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.42	216	71754	18.37	ng/uL	97
74) Pentachlorobenzene	14.93	250	73542	19.28	ng/uL	97
75) Carbazole	17.76	167	321568	21.63	ng/ul	98
76) Di-n-butylphthalate	18.31	149	377810	20.12	ng/ul	99
77) Fluoranthene	19.40	202	421098	22.76	ng/ul	97
80) Pyrene	19.77	202	442830	18.64	ng/ul#	94
81) Butylbenzylphthalate	20.64	149	175332	19.23	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.51	252	164483	22.96	ng/ul#	99
83) Benzo(a)anthracene	21.59	228	432078	19.29	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	262529	19.43	ng/ul	100
85) Chrysene	21.65	228	396776	19.20	ng/ul	99
87) Di-n-octyl phthalate	22.68	149	448312	20.39	ng/ul	100
88) Benzo(b)fluoranthene	23.77	252	456942	19.45	ng/ul	97
89) Benzo(k)fluoranthene	23.83	252	444706m	19.76	ng/ul	
91) Benzo(a)pyrene	24.63	252	436362	19.54	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.38	276	502593	19.41	ng/ul	98
93) Dibenzo(a,h)anthracene	28.45	278	417883	20.11	ng/ul	97
94) Benzo(g,h,i)perylene	29.51	276	400611	18.54	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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