Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018835.D
Acq On : 23 Sep 2015 2:54
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02003

Manual Integrations APPROVED
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9/23/2015 4:36:35 PM

Quant Time: Sep 23 07:12:38 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 23 04:53:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	66518	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	296677	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.62	164	193828	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	530768	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	586325	20.00	ng/ul	0.00
86) Perylene-d12	24.81	264	607201	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	10416	7.53	ng/uL	0.00
5) Phenol-d5	7.16	99	112572	20.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	64001	20.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	89517	21.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	92377	20.84	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	45341	20.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	47281	20.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	97368	20.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	126995	22.94	ng/ul	0.00
44) Dimethylphthalate-d6	14.02	166	315072	20.20	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	379981	20.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	59038	19.72	ng/ul	0.00
58) Fluorene-d10	15.62	176	285292	20.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	38623	15.37	ng/ul	0.00
71) Anthracene-d10	17.47	188	482846	20.66	ng/ul	0.00
79) Pyrene-d10	19.75	212	554943	20.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.59	264	609359	20.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	12288	8.21	ng/uL#	83
4) Benzaldehyde	7.14	77	72382	22.91	ng/ul	95
6) Phenol	7.19	94	116819	20.68	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.41	93	88218	20.91	ng/ul	95
10) 2-Chlorophenol	7.57	128	89786	20.97	ng/ul#	90
11) 2-Methylphenol	8.44	108	90191	20.76	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.53	45	98833	19.73	ng/ul#	90
14) Acetophenone	8.82	105	140694	20.84	ng/ul#	85
15) N-Nitroso-di-n-propylamine	8.80	70	68336	19.62	ng/ul#	84
16) 4-Methylphenol	8.77	108	97857	20.49	ng/ul	97
17) Hexachloroethane	9.08	117	35090	20.56	ng/ul#	78
20) Nitrobenzene	9.20	77	99912	19.17	ng/ul	91
21) Isophorone	9.72	82	198249	18.67	ng/ul	97
23) 2-Nitrophenol	9.91	139	53434	20.98	ng/ul#	84
24) 2,4-Dimethylphenol	9.97	107	103889	19.67	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.20	93	124274	19.85	ng/ul	98
27) 2,4-Dichlorophenol	10.45	162	95825	20.12	ng/ul	96
28) Naphthalene	10.85	128	299698	19.85	ng/ul	99
30) 4-Chloroaniline	10.96	127	130136	22.72	ng/ul	94
31) Hexachlorobutadiene	11.14	225	60840	20.70	ng/ul	94
32) Caprolactam	11.71	113	37025m	18.99	ng/ul	
33) 4-Chloro-3-methylphenol	12.08	107	100483	19.79	ng/ul	100
34) 2-Methylnaphthalene	12.46	142	222940	19.99	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.67	142	215780	20.19	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.82	216	121611	20.24	ng/ul	94
38) Hexachlorocyclopentadiene	12.80	237	57070	17.08	ng/ul	91
39) 2,4,6-Trichlorophenol	13.06	196	81019	20.76	ng/ul	99
40) 2,4,5-Trichlorophenol	13.14	196	87652	20.86	ng/ul	97
41) 1,1'-Biphenyl	13.46	154	296216	20.19	ng/ul	99
42) 2-Chloronaphthalene	13.50	162	231129	20.67	ng/ul	96
43) 2-Nitroaniline	13.70	65	65680	19.81	ng/ul#	77
45) Dimethylphthalate	14.07	163	306442	20.27	ng/ul	99
46) 2,6-Dinitrotoluene	14.20	165	67970	22.35	ng/ul	87
48) Acenaphthylene	14.35	152	400438	20.36	ng/ul	100
49) 3-Nitroaniline	14.52	138	76062	23.56	ng/ul#	88
50) Acenaphthene	14.69	153	267434	20.19	ng/ul	100
51) 2,4-Dinitrophenol	14.74	184	15327	11.21	ng/ul#	79
53) 4-Nitrophenol	14.84	109	39076	19.04	ng/ul	90
54) Dibenzofuran	15.02	168	379674	20.43	ng/ul	96
55) 2,4-Dinitrotoluene	14.98	165	98637	21.79	ng/ul#	82
56) 2,3,4,6-Tetrachlorophenol	15.25	232	82774	20.40	ng/ul#	92
57) Diethylphthalate	15.43	149	318686	20.28	ng/ul	98
59) Fluorene	15.67	166	320499	20.41	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.66	204	158838	21.22	ng/ul#	88
61) 4-Nitroaniline	15.69	138	86815	23.39	ng/ul#	84
64) 4,6-Dinitro-2-methylphenol	15.75	198	39247	15.22	ng/ul	93
65) N-Nitrosodiphenylamine	15.88	169	275304	19.80	ng/ul	96
66) 4-Bromophenyl-phenylether	16.56	248	102841	19.78	ng/ul#	91
67) Hexachlorobenzene	16.67	284	119270	20.69	ng/ul	93
68) Atrazine	16.82	200	126960	20.73	ng/ul	96
69) Pentachlorophenol	17.02	266	56012	16.66	ng/ul	97
70) Phenanthrene	17.41	178	547131	20.28	ng/ul	99
72) Anthracene	17.50	178	555445	20.53	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.43	216	121992	19.32	ng/uL	100
74) Pentachlorobenzene	14.95	250	127591	20.69	ng/uL	93
75) Carbazole	17.77	167	525192	21.85	ng/ul	100
76) Di-n-butylphthalate	18.33	149	622664	20.51	ng/ul	99
77) Fluoranthene	19.42	202	688577	23.02	ng/ul	97
80) Pyrene	19.78	202	695018	20.16	ng/ul	98
81) Butylbenzylphthalate	20.66	149	280723	21.22	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.52	252	225837	21.72	ng/ul	98
83) Benzo(a)anthracene	21.61	228	663359	20.41	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.51	149	420320	21.43	ng/ul#	96
85) Chrysene	21.67	228	617736	20.60	ng/ul	98
87) Di-n-octyl phthalate	22.70	149	724238	22.54	ng/ul	100
88) Benzo(b)fluoranthene	23.80	252	696178	20.28	ng/ul	99
89) Benzo(k)fluoranthene	23.87	252	666746	20.27	ng/ul	99
91) Benzo(a)pyrene	24.66	252	665031	20.38	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.43	276	784866	20.74	ng/ul	98
93) Dibenzo(a,h)anthracene	28.50	278	643566	21.19	ng/ul	97
94) Benzo(g,h,i)perylene	29.57	276	646244	20.46	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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