Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018843.D
Acq On : 23 Sep 2015 7:56
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02004

Quant Time: Sep 23 08:33:50 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 23 07:13:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	77053	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	348910	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.63	164	232087	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	547775	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	554502	20.00	ng/ul	0.00
86) Perylene-d12	24.82	264	588646	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	11501	7.18	ng/uL	0.00
5) Phenol-d5	7.17	99	128323	20.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	72439	19.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	102492	21.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	107380	20.91	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	54041	20.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	56511	21.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	117403	20.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	147469	22.65	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	347202	18.59	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	449982	20.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	62826	17.53	ng/ul	0.00
58) Fluorene-d10	15.62	176	328665	20.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	30744	11.86	ng/ul	0.00
71) Anthracene-d10	17.47	188	495358	20.54	ng/ul	0.00
79) Pyrene-d10	19.75	212	522834	20.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.60	264	590502	20.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	12611	7.28	ng/uL#	62
4) Benzaldehyde	7.14	77	83600	22.84	ng/ul	92
6) Phenol	7.20	94	135630	20.72	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.42	93	101425	20.75	ng/ul	93
10) 2-Chlorophenol	7.57	128	104235	21.01	ng/ul	90
11) 2-Methylphenol	8.44	108	106146	21.09	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.53	45	112627	19.41	ng/ul#	90
14) Acetophenone	8.82	105	160863	20.57	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.80	70	78302	19.41	ng/ul#	85
16) 4-Methylphenol	8.77	108	115190	20.82	ng/ul	99
17) Hexachloroethane	9.08	117	41172	20.82	ng/ul#	77
20) Nitrobenzene	9.20	77	114635	18.70	ng/ul#	92
21) Isophorone	9.72	82	226589	18.14	ng/ul	97
23) 2-Nitrophenol	9.92	139	62027	20.70	ng/ul#	85
24) 2,4-Dimethylphenol	9.98	107	121074	19.49	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.21	93	140664	19.11	ng/ul	94
27) 2,4-Dichlorophenol	10.45	162	113983	20.35	ng/ul#	95
28) Naphthalene	10.86	128	352004	19.82	ng/ul	98
30) 4-Chloroaniline	10.96	127	152239	22.60	ng/ul	93
31) Hexachlorobutadiene	11.14	225	73379	21.23	ng/ul	93
32) Caprolactam	11.71	113	38778	16.91	ng/ul#	79
33) 4-Chloro-3-methylphenol	12.09	107	116602	19.53	ng/ul	95
34) 2-Methylnaphthalene	12.46	142	263079	20.06	ng/ul	93

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 23 07:13:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.67	142	254257	20.23	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.83	216	150086	20.86	ng/ul#	96
38) Hexachlorocyclopentadiene	12.80	237	49887	12.47	ng/ul#	91
39) 2,4,6-Trichlorophenol	13.06	196	99903	21.38	ng/ul	96
40) 2,4,5-Trichlorophenol	13.14	196	107341	21.34	ng/ul	96
41) 1,1'-Biphenyl	13.46	154	345008	19.64	ng/ul	98
42) 2-Chloronaphthalene	13.51	162	278538	20.80	ng/ul	96
43) 2-Nitroaniline	13.71	65	72945	18.38	ng/ul#	65
45) Dimethylphthalate	14.08	163	340106	18.78	ng/ul#	98
46) 2,6-Dinitrotoluene	14.20	165	77336	21.24	ng/ul#	81
48) Acenaphthylene	14.35	152	473648	20.11	ng/ul	99
49) 3-Nitroaniline	14.53	138	82497	21.34	ng/ul#	78
50) Acenaphthene	14.69	153	314355	19.82	ng/ul	99
51) 2,4-Dinitrophenol	14.74	184	11991	7.32	ng/ul#	76
53) 4-Nitrophenol	14.85	109	41274	16.80	ng/ul	89
54) Dibenzofuran	15.02	168	442451	19.88	ng/ul	95
55) 2,4-Dinitrotoluene	14.99	165	108628	20.04	ng/ul#	81
56) 2,3,4,6-Tetrachlorophenol	15.25	232	94811	19.51	ng/ul	90
57) Diethylphthalate	15.44	149	344742	18.32	ng/ul	98
59) Fluorene	15.68	166	359712	19.13	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.66	204	178439	19.91	ng/ul	91
61) 4-Nitroaniline	15.69	138	86630	19.49	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.75	198	31006	11.65	ng/ul#	91
65) N-Nitrosodiphenylamine	15.88	169	305871	21.32	ng/ul	95
66) 4-Bromophenyl-phenylether	16.56	248	115085	21.44	ng/ul	89
67) Hexachlorobenzene	16.68	284	131450	22.09	ng/ul	95
68) Atrazine	16.82	200	127400	20.16	ng/ul	98
69) Pentachlorophenol	17.03	266	61094	17.61	ng/ul	93
70) Phenanthrene	17.42	178	563606	20.24	ng/ul	100
72) Anthracene	17.50	178	571535	20.46	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.43	216	149029	22.86	ng/uL	98
74) Pentachlorobenzene	14.95	250	152185	23.91	ng/uL	95
75) Carbazole	17.77	167	519883	20.96	ng/ul	98
76) Di-n-butylphthalate	18.33	149	611762	19.53	ng/ul	99
77) Fluoranthene	19.42	202	640631	20.76	ng/ul	98
80) Pyrene	19.78	202	649654	19.92	ng/ul	98
81) Butylbenzylphthalate	20.66	149	273657	21.87	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.53	252	236146	24.02	ng/ul	95
83) Benzo(a)anthracene	21.61	228	641181	20.86	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.51	149	410501	22.13	ng/ul	98
85) Chrysene	21.68	228	594054	20.95	ng/ul	98
87) Di-n-octyl phthalate	22.71	149	710749	22.82	ng/ul	100
88) Benzo(b)fluoranthene	23.81	252	675299	20.29	ng/ul	99
89) Benzo(k)fluoranthene	23.87	252	628803	19.72	ng/ul	97
91) Benzo(a)pyrene	24.67	252	641693	20.28	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.45	276	767066	20.91	ng/ul	98
93) Dibenzo(a,h)anthracene	28.52	278	638270	21.68	ng/ul	97
94) Benzo(g,h,i)perylene	29.60	276	634743	20.73	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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