Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018786.D
Acq On : 21 Sep 2015 17:22
Operator : TP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02098

Quant Time: Sep 21 17:56:22 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 21 15:50:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	61058	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	276356	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.63	164	198833	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	544884	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	611835	20.00	ng/ul	-0.01
86) Perylene-d12	24.82	264	627085	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	9166	7.22	ng/uL	0.00
5) Phenol-d5	7.17	99	103074	20.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	60422	20.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	82360	21.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	86027	21.15	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	42805	20.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	47664	22.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	92182	20.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	123674	23.98	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	335834	20.99	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	388359	20.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	67565	22.00	ng/ul	0.00
58) Fluorene-d10	15.62	176	293990	21.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	54817	21.25	ng/ul	0.00
71) Anthracene-d10	17.47	188	494953	20.63	ng/ul	0.00
79) Pyrene-d10	19.75	212	574231	20.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.60	264	637374	20.88	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	10672	7.77	ng/uL#	69
4) Benzaldehyde	7.13	77	69988	24.13	ng/ul	94
6) Phenol	7.19	94	108590	20.94	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.42	93	83781	21.63	ng/ul	94
10) 2-Chlorophenol	7.57	128	81946	20.85	ng/ul#	88
11) 2-Methylphenol	8.44	108	84343	21.15	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.53	45	95825	20.84	ng/ul#	94
14) Acetophenone	8.82	105	137483	22.19	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.80	70	69132	21.63	ng/ul#	84
16) 4-Methylphenol	8.77	108	93921	21.42	ng/ul	97
17) Hexachloroethane	9.08	117	32599	20.80	ng/ul	90
20) Nitrobenzene	9.20	77	95654	19.70	ng/ul#	88
21) Isophorone	9.72	82	205635	20.78	ng/ul	97
23) 2-Nitrophenol	9.91	139	51243	21.59	ng/ul#	86
24) 2,4-Dimethylphenol	9.97	107	99133	20.15	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.21	93	122122	20.95	ng/ul	94
27) 2,4-Dichlorophenol	10.45	162	91234	20.56	ng/ul#	94
28) Naphthalene	10.85	128	282484	20.09	ng/ul	99
30) 4-Chloroaniline	10.96	127	129976	24.36	ng/ul	98
31) Hexachlorobutadiene	11.14	225	54882	20.05	ng/ul	92
32) Caprolactam	11.72	113	41156	22.66	ng/ul	89
33) 4-Chloro-3-methylphenol	12.09	107	102127	21.59	ng/ul	98
34) 2-Methylnaphthalene	12.46	142	217863	20.97	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.67	142	208835	20.98	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.83	216	119630	19.41	ng/ul#	95
38) Hexachlorocyclopentadiene	12.80	237	60556	17.67	ng/ul	96
39) 2,4,6-Trichlorophenol	13.06	196	81857	20.45	ng/ul	98
40) 2,4,5-Trichlorophenol	13.14	196	90063	20.90	ng/ul	98
41) 1,1'-Biphenyl	13.46	154	294512	19.57	ng/ul	96
42) 2-Chloronaphthalene	13.50	162	230615	20.11	ng/ul	94
43) 2-Nitroaniline	13.71	65	67399	19.82	ng/ul#	72
45) Dimethylphthalate	14.08	163	329700	21.25	ng/ul#	99
46) 2,6-Dinitrotoluene	14.20	165	70118	22.47	ng/ul#	83
48) Acenaphthylene	14.35	152	410526	20.35	ng/ul	99
49) 3-Nitroaniline	14.53	138	78391	23.67	ng/ul#	80
50) Acenaphthene	14.69	153	272411	20.05	ng/ul	100
51) 2,4-Dinitrophenol	14.74	184	25836	18.41	ng/ul#	76
53) 4-Nitrophenol	14.84	109	42960	20.41	ng/ul#	84
54) Dibenzofuran	15.02	168	384908	20.19	ng/ul	95
55) 2,4-Dinitrotoluene	14.98	165	103383	22.26	ng/ul#	83
56) 2,3,4,6-Tetrachlorophenol	15.25	232	88864	21.35	ng/ul#	89
57) Diethylphthalate	15.44	149	346523	21.49	ng/ul	97
59) Fluorene	15.67	166	329766	20.47	ng/ul	94
60) 4-Chlorophenyl-phenylether	15.67	204	160571	20.92	ng/ul	91
61) 4-Nitroaniline	15.69	138	89066	23.39	ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.75	198	57625	21.77	ng/ul#	85
65) N-Nitrosodiphenylamine	15.88	169	287263	20.13	ng/ul	97
66) 4-Bromophenyl-phenylether	16.56	248	110270	20.66	ng/ul#	88
67) Hexachlorobenzene	16.68	284	121076	20.46	ng/ul#	92
68) Atrazine	16.82	200	136874	21.77	ng/ul	98
69) Pentachlorophenol	17.02	266	64508	18.69	ng/ul	96
70) Phenanthrene	17.41	178	565673	20.42	ng/ul	99
72) Anthracene	17.50	178	567424	20.42	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.43	216	121763	18.78	ng/uL	97
74) Pentachlorobenzene	14.95	250	127280	20.10	ng/uL	94
75) Carbazole	17.77	167	559690	22.68	ng/ul	98
76) Di-n-butylphthalate	18.33	149	661615	21.23	ng/ul	98
77) Fluoranthene	19.42	202	726183	23.65	ng/ul	97
80) Pyrene	19.78	202	731781	20.34	ng/ul	97
81) Butylbenzylphthalate	20.66	149	288651	20.91	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.52	252	268054	24.71	ng/ul	98
83) Benzo(a)anthracene	21.61	228	696326	20.53	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.51	149	438092	21.41	ng/ul#	98
85) Chrysene	21.68	228	644304	20.59	ng/ul	98
87) Di-n-octyl phthalate	22.71	149	736726	22.20	ng/ul	100
88) Benzo(b)fluoranthene	23.80	252	716482	20.21	ng/ul	99
89) Benzo(k)fluoranthene	23.87	252	703180	20.70	ng/ul	98
91) Benzo(a)pyrene	24.67	252	693893	20.59	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.44	276	812925	20.80	ng/ul	99
93) Dibenzo(a,h)anthracene	28.50	278	669253	21.34	ng/ul	96
94) Benzo(g,h,i)perylene	29.58	276	672067	20.60	ng/ul	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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