Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018809.D
Acq On : 22 Sep 2015 8:01
Operator : TP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02001

Quant Time: Sep 22 08:34:49 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 22 03:49:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	60424	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	264397	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.63	164	180860	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	483883	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	546015	20.00	ng/ul	0.00
86) Perylene-d12	24.81	264	568586	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	9444	7.51	ng/uL	0.00
5) Phenol-d5	7.16	99	99072	19.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	59004	20.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	78399	20.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	80598	20.02	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	40496	20.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	43407	21.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	87372	20.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	113899	23.08	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	298593	20.51	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	350557	20.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	54506	19.51	ng/ul	0.00
58) Fluorene-d10	15.61	176	263189	20.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	48023	20.97	ng/ul	0.00
71) Anthracene-d10	17.46	188	434350	20.39	ng/ul	0.00
79) Pyrene-d10	19.75	212	511543	20.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.59	264	574839	20.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	10955	8.06	ng/uL#	72
4) Benzaldehyde	7.14	77	64885	22.61	ng/ul	94
6) Phenol	7.19	94	105918	20.64	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.42	93	80321	20.95	ng/ul	95
10) 2-Chlorophenol	7.56	128	81584	20.97	ng/ul	92
11) 2-Methylphenol	8.44	108	81799	20.73	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.53	45	89400	19.65	ng/ul#	91
14) Acetophenone	8.82	105	129374	21.10	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.80	70	64179	20.29	ng/ul#	85
16) 4-Methylphenol	8.77	108	90270	20.80	ng/ul	87
17) Hexachloroethane	9.08	117	31403	20.25	ng/ul	86
20) Nitrobenzene	9.20	77	90144	19.41	ng/ul	90
21) Isophorone	9.72	82	188067	19.87	ng/ul	95
23) 2-Nitrophenol	9.91	139	48057	21.17	ng/ul#	80
24) 2,4-Dimethylphenol	9.97	107	94462	20.07	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.20	93	114632	20.55	ng/ul	99
27) 2,4-Dichlorophenol	10.45	162	86826	20.46	ng/ul	95
28) Naphthalene	10.85	128	271869	20.20	ng/ul	98
30) 4-Chloroaniline	10.95	127	116548	22.83	ng/ul	96
31) Hexachlorobutadiene	11.14	225	55231	21.09	ng/ul	95
32) Caprolactam	11.71	113	34446	19.82	ng/ul#	83
33) 4-Chloro-3-methylphenol	12.08	107	91575	20.24	ng/ul	98
34) 2-Methylnaphthalene	12.45	142	201406	20.26	ng/ul	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.68	142	193177	20.28	ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	12.82	216	109227	19.48	ng/ul	93
38) Hexachlorocyclopentadiene	12.80	237	57590	18.47	ng/ul	92
39) 2,4,6-Trichlorophenol	13.06	196	72430	19.89	ng/ul	96
40) 2,4,5-Trichlorophenol	13.13	196	80332	20.49	ng/ul	93
41) 1,1'-Biphenyl	13.46	154	273755	20.00	ng/ul	95
42) 2-Chloronaphthalene	13.50	162	211227	20.25	ng/ul	96
43) 2-Nitroaniline	13.70	65	60151	19.45	ng/ul#	76
45) Dimethylphthalate	14.07	163	294582	20.88	ng/ul	98
46) 2,6-Dinitrotoluene	14.20	165	63538	22.39	ng/ul#	85
48) Acenaphthylene	14.35	152	371132	20.22	ng/ul	99
49) 3-Nitroaniline	14.53	138	67806	22.51	ng/ul	84
50) Acenaphthene	14.69	153	246348	19.93	ng/ul	99
51) 2,4-Dinitrophenol	14.73	184	22516	17.64	ng/ul	85
53) 4-Nitrophenol	14.84	109	37104	19.38	ng/ul	90
54) Dibenzofuran	15.02	168	351389	20.26	ng/ul	95
55) 2,4-Dinitrotoluene	14.99	165	93534	22.14	ng/ul#	79
56) 2,3,4,6-Tetrachlorophenol	15.25	232	74245	19.61	ng/ul	94
57) Diethylphthalate	15.44	149	298775	20.37	ng/ul	97
59) Fluorene	15.67	166	295586	20.17	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.66	204	142360	20.39	ng/ul	92
61) 4-Nitroaniline	15.69	138	77088	22.26	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.75	198	49296	20.97	ng/ul#	89
65) N-Nitrosodiphenylamine	15.87	169	249599	19.69	ng/ul	95
66) 4-Bromophenyl-phenylether	16.55	248	94071	19.84	ng/ul	92
67) Hexachlorobenzene	16.68	284	107939	20.54	ng/ul	93
68) Atrazine	16.82	200	117414	21.03	ng/ul	97
69) Pentachlorophenol	17.02	266	54999	17.95	ng/ul#	88
70) Phenanthrene	17.41	178	496682	20.19	ng/ul	98
72) Anthracene	17.50	178	503112	20.39	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.43	216	112440	19.53	ng/uL	99
74) Pentachlorobenzene	14.94	250	114706	20.40	ng/uL	94
75) Carbazole	17.77	167	477433	21.79	ng/ul	99
76) Di-n-butylphthalate	18.32	149	580476	20.97	ng/ul	99
77) Fluoranthene	19.42	202	633520	23.24	ng/ul	97
80) Pyrene	19.78	202	650067	20.25	ng/ul	99
81) Butylbenzylphthalate	20.66	149	262536	21.31	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.52	252	241179	24.91	ng/ul#	97
83) Benzo(a)anthracene	21.61	228	624651	20.63	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.51	149	387799	21.24	ng/ul	98
85) Chrysene	21.67	228	575740	20.62	ng/ul	98
87) Di-n-octyl phthalate	22.71	149	663833	22.06	ng/ul	100
88) Benzo(b)fluoranthene	23.80	252	656726	20.43	ng/ul	99
89) Benzo(k)fluoranthene	23.87	252	627821	20.39	ng/ul	99
91) Benzo(a)pyrene	24.67	252	615463	20.14	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.44	276	737542	20.82	ng/ul	99
93) Dibenzo(a,h)anthracene	28.50	278	612028	21.52	ng/ul	97
94) Benzo(g,h,i)perylene	29.57	276	612758	20.72	ng/ul	99

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

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