Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG110915\
Data File : BG019543.D
Acq On : 9 Nov 2015 21:37
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02008

Quant Time: Nov 10 00:18:47 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 10 00:14:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	40046	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	162687	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	136591	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	381007	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	499459	20.00	ng/ul	0.00
86) Perylene-d12	25.17	264	482567	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	6705	8.02	ng/uL	0.00
5) Phenol-d5	7.32	99	75959	20.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	50650	21.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	43208	18.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	58878	20.11	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	24296	20.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	28392	20.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	61706	20.04	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	74270	23.84	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	229239	20.36	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	244379	19.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	35044	19.59	ng/ul	0.00
58) Fluorene-d10	15.79	176	200093	19.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	41447	16.81	ng/ul	0.00
71) Anthracene-d10	17.64	188	338231	19.47	ng/ul	0.00
79) Pyrene-d10	19.92	212	398448	18.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	462278	19.09	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	7403	7.78	ng/uL#	84
4) Benzaldehyde	7.30	77	56160	23.49	ng/ul	100
6) Phenol	7.34	94	79236	20.23	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.58	93	58169	21.62	ng/ul	96
10) 2-Chlorophenol	7.73	128	45403	19.22	ng/ul	97
11) 2-Methylphenol	8.61	108	59466	20.53	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.71	45	50500	23.42	ng/ul	94
14) Acetophenone	9.00	105	103577	21.07	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.98	70	67562	20.97	ng/ul#	85
16) 4-Methylphenol	8.94	108	64903	20.52	ng/ul	99
17) Hexachloroethane	9.27	117	22742	18.43	ng/ul	88
20) Nitrobenzene	9.39	77	94723	20.26	ng/ul	99
21) Isophorone	9.91	82	184936	21.84	ng/ul	99
23) 2-Nitrophenol	10.11	139	31617	19.61	ng/ul#	87
24) 2,4-Dimethylphenol	10.16	107	83525	19.84	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.39	93	88134	21.99	ng/ul#	92
27) 2,4-Dichlorophenol	10.65	162	57626	19.59	ng/ul#	88
28) Naphthalene	11.05	128	158453	19.47	ng/ul	95
30) 4-Chloroaniline	11.16	127	74438	22.80	ng/ul	98
31) Hexachlorobutadiene	11.33	225	55802	18.56	ng/ul	91
32) Caprolactam	11.92	113	26033	24.69	ng/ul	92
33) 4-Chloro-3-methylphenol	12.27	107	83769	21.21	ng/ul#	94
34) 2-Methylnaphthalene	12.64	142	132390	20.24	ng/ul	96

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35) 1-Methylnaphthalene	12.86	142	127819	20.65	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	13.01	216	103418	18.37	ng/ul	96
38) Hexachlorocyclopentadiene	12.99	237	62060	14.86	ng/ul	98
39) 2,4,6-Trichlorophenol	13.24	196	61723	18.55	ng/ul	91
40) 2,4,5-Trichlorophenol	13.32	196	71082	19.46	ng/ul	97
41) 1,1'-Biphenyl	13.64	154	185333	19.19	ng/ul#	95
42) 2-Chloronaphthalene	13.69	162	144411	19.17	ng/ul	96
43) 2-Nitroaniline	13.88	65	67306	20.90	ng/ul	91
45) Dimethylphthalate	14.25	163	228835	19.87	ng/ul	98
46) 2,6-Dinitrotoluene	14.38	165	46635	20.00	ng/ul	86
48) Acenaphthylene	14.53	152	249514	19.53	ng/ul	100
49) 3-Nitroaniline	14.71	138	41830	20.85	ng/ul	92
50) Acenaphthene	14.87	153	169465	19.64	ng/ul	94
51) 2,4-Dinitrophenol	14.91	184	20544	11.72	ng/ul	90
53) 4-Nitrophenol	15.01	109	47172	16.91	ng/ul#	71
54) Dibenzofuran	15.20	168	246049	19.36	ng/ul	98
55) 2,4-Dinitrotoluene	15.16	165	69100	18.77	ng/ul#	94
56) 2,3,4,6-Tetrachlorophenol	15.42	232	70017	18.34	ng/ul	97
57) Diethylphthalate	15.60	149	222932	19.61	ng/ul	97
59) Fluorene	15.85	166	216580	19.54	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.83	204	124783	18.94	ng/ul	98
61) 4-Nitroaniline	15.86	138	43795	18.99	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.92	198	43420	16.28	ng/ul#	88
65) N-Nitrosodiphenylamine	16.05	169	194214	19.71	ng/ul	99
66) 4-Bromophenyl-phenylether	16.73	248	86915	19.19	ng/ul	93
67) Hexachlorobenzene	16.85	284	89389	18.60	ng/ul	94
68) Atrazine	16.99	200	94356	19.32	ng/ul	96
69) Pentachlorophenol	17.19	266	43896	15.48	ng/ul	94
70) Phenanthrene	17.59	178	370143	19.25	ng/ul	98
72) Anthracene	17.68	178	384030	19.59	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.61	216	101557	18.40	ng/uL	96
74) Pentachlorobenzene	15.12	250	104022	18.69	ng/uL	97
75) Carbazole	17.94	167	314900	20.13	ng/ul	98
76) Di-n-butylphthalate	18.48	149	377290	19.46	ng/ul	97
77) Fluoranthene	19.59	202	496455	19.94	ng/ul#	96
80) Pyrene	19.95	202	521569	18.61	ng/ul#	91
81) Butylbenzylphthalate	20.82	149	183861	20.18	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.72	252	192310	19.65	ng/ul#	99
83) Benzo(a)anthracene	21.80	228	561448	19.30	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	266152	20.56	ng/ul#	95
85) Chrysene	21.87	228	527837	19.35	ng/ul	98
87) Di-n-octyl phthalate	22.94	149	456739	20.90	ng/ul	100
88) Benzo(b)fluoranthene	24.11	252	542381	19.06	ng/ul#	99
89) Benzo(k)fluoranthene	24.17	252	535591	19.55	ng/ul#	97
91) Benzo(a)pyrene	25.01	252	525947	19.24	ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	29.01	276	595052	19.32	ng/ul#	98
93) Dibenzo(a,h)anthracene	29.07	278	490263	19.06	ng/ul	95
94) Benzo(g,h,i)perylene	30.21	276	493380	21.10	ng/ul#	93

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

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