Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021915\
Data File : BG016003.D
Acq On : 19 Feb 2015 15:56
Operator : TP/IZ
Sample : SSTD01007
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 20 04:50:12 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 20 04:39:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	96437	20.00	ng/ul	0.00
16) Naphthalene-d8	10.60	136	427860	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.44	164	262689	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.18	188	545581	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	586996	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	547340	20.00	ng/ul	0.00
System Monitoring Compounds						
3) Phenol-d5	6.97	99	83534	9.07	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.15	67	51539	9.93	ng/ul	0.00
7) 2-Chlorophenol-d4	7.35	132	60918	9.84	ng/ul	0.00
11) 4-Methylphenol-d8	8.50	113	61447	9.27	ng/ul	0.00
17) Nitrobenzene-d5	8.97	128	26629	7.93	ng/ul	0.00
20) 2-Nitrophenol-d4	9.68	143	23601	6.81	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.22	165	53264	7.85	ng/ul	0.00
27) 4-Chloroaniline-d4	10.74	131	57488	7.74	ng/ul	0.00
41) Dimethylphthalate-d6	13.85	166	165878	9.38	ng/ul	0.00
44) Acenaphthylene-d8	14.13	160	239186	10.66	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	27335	8.17	ng/ul	0.00
55) Fluorene-d10	15.43	176	166537	9.41	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.54	200	13732	4.83	ng/ul	0.00
68) Anthracene-d10	17.28	188	250861	9.95	ng/ul	0.00
76) Pyrene-d10	19.57	212	263149	10.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	230065	9.33	ng/ul	0.00
Target Compounds						Qvalue
2) Benzaldehyde	6.96	77	55757	9.38	ng/ul	95
4) Phenol	7.00	94	88415	9.10	ng/ul	98
6) Bis(2-Chloroethyl)ether	7.24	93	72590	10.12	ng/ul	99
8) 2-Chlorophenol	7.38	128	62414	10.24	ng/ul	98
9) 2-Methylphenol	8.25	108	63758	9.36	ng/ul	100
10) 2,2'-oxybis(1-Chloropropan	8.35	45	92401	15.18	ng/ul	99
12) Acetophenone	8.63	105	96795	8.91	ng/ul	98
13) N-Nitroso-di-n-propylamine	8.62	70	53935	8.98	ng/ul	99
14) 4-Methylphenol	8.57	108	69848	9.18	ng/ul	100
15) Hexachloroethane	8.89	117	25702	8.47	ng/ul	93
18) Nitrobenzene	9.01	77	63027	6.09	ng/ul	98
19) Isophorone	9.53	82	143643	7.96	ng/ul	98
21) 2-Nitrophenol	9.71	139	26963	7.11	ng/ul	94
22) 2,4-Dimethylphenol	9.77	107	69210	7.05	ng/ul	97
23) Bis(2-Chloroethoxy)methane	10.01	93	90045	8.83	ng/ul	96
25) 2,4-Dichlorophenol	10.24	162	53599	7.70	ng/ul	96
26) Naphthalene	10.65	128	220601	9.99	ng/ul	99
28) 4-Chloroaniline	10.75	127	57722	7.57	ng/ul	99
29) Hexachlorobutadiene	10.94	225	31515	5.22	ng/ul	98
30) Caprolactam	11.50	113	24088	8.19	ng/ul	94
31) 4-Chloro-3-methylphenol	11.88	107	60807	6.69	ng/ul	99
32) 2-Methylnaphthalene	12.26	142	154923	9.73	ng/ul	98
34) 1,2,4,5-Tetrachlorobenzene	12.63	216	66665	7.79	ng/ul	95
35) Hexachlorocyclopentadiene	12.61	237	25145	5.40	ng/ul#	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2,4,6-Trichlorophenol	12.87	196	34932	6.76	ng/ul	97
37) 2,4,5-Trichlorophenol	12.93	196	38302	6.64	ng/ul	95
38) 1,1'-Biphenyl	13.27	154	194265	10.49	ng/ul	100
39) 2-Chloronaphthalene	13.32	162	144263	10.11	ng/ul	97
40) 2-Nitroaniline	13.52	65	31458	6.26	ng/ul	95
42) Dimethylphthalate	13.89	163	174095	9.47	ng/ul	99
43) 2,6-Dinitrotoluene	14.01	165	26067	6.78	ng/ul	97
45) Acenaphthylene	14.16	152	256268	10.57	ng/ul	100
46) 3-Nitroaniline	14.34	138	29312	8.01	ng/ul	99
47) Acenaphthene	14.50	153	164125	10.39	ng/ul	99
48) 2,4-Dinitrophenol	14.54	184	6661	3.45	ng/ul#	87
50) 4-Nitrophenol	14.63	109	16830	4.01	ng/ul	94
51) Dibenzofuran	14.84	168	225588	9.77	ng/ul	99
52) 2,4-Dinitrotoluene	14.80	165	36462	6.54	ng/ul	94
53) 2,3,4,6-Tetrachlorophenol	15.06	232	30084	5.21	ng/ul	99
54) Diethylphthalate	15.26	149	174006	8.93	ng/ul	98
56) Fluorene	15.48	166	197270	10.47	ng/ul	97
57) 4-Chlorophenyl-phenylether	15.48	204	88178	7.80	ng/ul	98
58) 4-Nitroaniline	15.50	138	41854	9.20	ng/ul	99
61) 4,6-Dinitro-2-methylphenol	15.55	198	14851	4.96	ng/ul#	83
62) N-Nitrosodiphenylamine	15.69	169	163519	10.46	ng/ul	99
63) 4-Bromophenyl-phenylether	16.38	248	51831	7.76	ng/ul	96
64) Hexachlorobenzene	16.48	284	59726	8.35	ng/ul	96
65) Atrazine	16.64	200	49892	8.05	ng/ul	99
66) Pentachlorophenol	16.82	266	18835	5.02	ng/ul	94
67) Phenanthrene	17.22	178	294815	10.51	ng/ul	98
69) Anthracene	17.31	178	304153	10.58	ng/ul	99
70) 1,2,3,4-Tetrachlorobenzene	13.23	216	64569	8.56	ng/uL	98
71) Pentachlorobenzene	14.75	250	64685	8.26	ng/uL	97
72) Carbazole	17.58	167	282391	10.67	ng/ul	99
73) Di-n-butylphthalate	18.15	149	295441	9.74	ng/ul	99
74) Fluoranthene	19.23	202	324243	8.95	ng/ul	99
77) Pyrene	19.60	202	353956	10.99	ng/ul	97
78) Butylbenzylphthalate	20.49	149	117498	9.52	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.27	252	66518	6.58	ng/ul	97
80) Benzo(a)anthracene	21.33	228	317783	9.65	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	154210	9.28	ng/ul	99
82) Chrysene	21.39	228	306369	9.87	ng/ul	98
84) Di-n-octyl phthalate	22.17	149	251113	9.34	ng/ul	100
85) Benzo(b)fluoranthene	22.96	252	291713	8.97	ng/ul	99
86) Benzo(k)fluoranthene	23.00	252	294752	9.50	ng/ul	98
88) Benzo(a)pyrene	23.55	252	290247	9.35	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	26.01	276	324137	9.35	ng/ul	96
90) Dibenzo(a,h)anthracene	26.02	278	271916	9.08	ng/ul	99
91) Benzo(g,h,i)perylene	26.73	276	269439	9.40	ng/ul	98

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

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