Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021915\
Data File : BG016004.D
Acq On : 19 Feb 2015 16:30
Operator : TP/IZ
Sample : SSTD02008
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 20 04:51:15 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	7.82	152	98174	20.00	ng/ul	0.00
16) Naphthalene-d8	10.60	136	433124	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.44	164	259591	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.18	188	541137	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	574790	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	552187	20.00	ng/ul	0.00
System Monitoring Compounds						
3) Phenol-d5	6.98	99	183352	19.55	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.15	67	106150	20.09	ng/ul	0.00
7) 2-Chlorophenol-d4	7.35	132	134602	21.36	ng/ul	0.00
11) 4-Methylphenol-d8	8.51	113	134590	19.95	ng/ul	0.00
17) Nitrobenzene-d5	8.97	128	59097	17.38	ng/ul	0.00
20) 2-Nitrophenol-d4	9.68	143	53939	15.37	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.22	165	119759	17.44	ng/ul	0.00
27) 4-Chloroaniline-d4	10.74	131	127832	17.00	ng/ul	0.00
41) Dimethylphthalate-d6	13.85	166	346157	19.81	ng/ul	0.00
44) Acenaphthylene-d8	14.13	160	484338	21.85	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	64878	19.62	ng/ul	0.00
55) Fluorene-d10	15.43	176	338072	19.33	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.54	200	36385	12.91	ng/ul	0.00
68) Anthracene-d10	17.28	188	502436	20.09	ng/ul	0.00
76) Pyrene-d10	19.57	212	530300	22.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	488718	19.64	ng/ul	0.00
Target Compounds						Qvalue
2) Benzaldehyde	6.96	77	117456	19.41	ng/ul	100
4) Phenol	7.00	94	192900	19.51	ng/ul	100
6) Bis(2-Chloroethyl)ether	7.24	93	149681	20.51	ng/ul	100
8) 2-Chlorophenol	7.38	128	135512	21.85	ng/ul	100
9) 2-Methylphenol	8.24	108	136655	19.70	ng/ul	100
10) 2,2'-oxybis(1-Chloropropan	8.35	45	187466	30.26	ng/ul	100
12) Acetophenone	8.63	105	201412	18.22	ng/ul	100
13) N-Nitroso-di-n-propylamine	8.61	70	113924	18.63	ng/ul	100
14) 4-Methylphenol	8.57	108	151187	19.51	ng/ul	100
15) Hexachloroethane	8.89	117	53391	17.28	ng/ul	100
18) Nitrobenzene	9.01	77	138766	13.25	ng/ul	100
19) Isophorone	9.53	82	305163	16.70	ng/ul	100
21) 2-Nitrophenol	9.72	139	60493	15.75	ng/ul	100
22) 2,4-Dimethylphenol	9.77	107	149604	15.06	ng/ul	100
23) Bis(2-Chloroethoxy)methane	10.01	93	189815	18.39	ng/ul	100
25) 2,4-Dichlorophenol	10.24	162	117809	16.72	ng/ul	100
26) Naphthalene	10.65	128	455943	20.39	ng/ul	100
28) 4-Chloroaniline	10.76	127	125746	16.28	ng/ul	100
29) Hexachlorobutadiene	10.94	225	64783	10.60	ng/ul	100
30) Caprolactam	11.50	113	55701	18.71	ng/ul	100
31) 4-Chloro-3-methylphenol	11.88	107	135257	14.71	ng/ul	100
32) 2-Methylnaphthalene	12.26	142	315986	19.61	ng/ul	100
34) 1,2,4,5-Tetrachlorobenzene	12.63	216	133748	15.82	ng/ul	100
35) Hexachlorocyclopentadiene	12.61	237	60291	13.10	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2,4,6-Trichlorophenol	12.87	196	76978	15.08	ng/ul	100
37) 2,4,5-Trichlorophenol	12.94	196	87693	15.39	ng/ul	100
38) 1,1'-Biphenyl	13.27	154	391193	21.38	ng/ul	100
39) 2-Chloronaphthalene	13.31	162	291794	20.69	ng/ul	100
40) 2-Nitroaniline	13.51	65	72576	14.61	ng/ul	100
42) Dimethylphthalate	13.90	163	357138	19.65	ng/ul	100
43) 2,6-Dinitrotoluene	14.01	165	59734	15.73	ng/ul	100
45) Acenaphthylene	14.16	152	515473	21.52	ng/ul	100
46) 3-Nitroaniline	14.34	138	68351	18.90	ng/ul	100
47) Acenaphthene	14.50	153	337766	21.64	ng/ul	100
48) 2,4-Dinitrophenol	14.54	184	18542	9.71	ng/ul	100
50) 4-Nitrophenol	14.64	109	38771	9.35	ng/ul	100
51) Dibenzofuran	14.84	168	449507	19.71	ng/ul	100
52) 2,4-Dinitrotoluene	14.80	165	88725	16.11	ng/ul	100
53) 2,3,4,6-Tetrachlorophenol	15.06	232	70196	12.31	ng/ul	100
54) Diethylphthalate	15.26	149	362663	18.84	ng/ul	100
56) Fluorene	15.49	166	393049	21.12	ng/ul	100
57) 4-Chlorophenyl-phenylether	15.48	204	174973	15.67	ng/ul	100
58) 4-Nitroaniline	15.50	138	94541	21.03	ng/ul	100
61) 4,6-Dinitro-2-methylphenol	15.56	198	39894	13.44	ng/ul	100
62) N-Nitrosodiphenylamine	15.69	169	329917	21.27	ng/ul	100
63) 4-Bromophenyl-phenylether	16.37	248	106510	16.07	ng/ul	100
64) Hexachlorobenzene	16.49	284	120781	17.03	ng/ul	100
65) Atrazine	16.64	200	107697	17.51	ng/ul	100
66) Pentachlorophenol	16.83	266	46188	12.41	ng/ul	100
67) Phenanthrene	17.22	178	592790	21.31	ng/ul	100
69) Anthracene	17.31	178	611820	21.46	ng/ul	100
70) 1,2,3,4-Tetrachlorobenzene	13.24	216	132795	17.75	ng/uL	100
71) Pentachlorobenzene	14.75	250	131285	16.89	ng/uL	100
72) Carbazole	17.58	167	577408	21.99	ng/ul	100
73) Di-n-butylphthalate	18.15	149	642756	21.37	ng/ul	100
74) Fluoranthene	19.24	202	655673	18.24	ng/ul	100
77) Pyrene	19.59	202	699122	22.16	ng/ul	100
78) Butylbenzylphthalate	20.50	149	279618	23.13	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.27	252	158614	16.03	ng/ul	100
80) Benzo(a)anthracene	21.34	228	640641	19.87	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	368935	22.68	ng/ul	100
82) Chrysene	21.39	228	608389	20.01	ng/ul	100
84) Di-n-octyl phthalate	22.17	149	596627	21.98	ng/ul	100
85) Benzo(b)fluoranthene	22.95	252	609469	18.58	ng/ul	100
86) Benzo(k)fluoranthene	23.00	252	621946	19.87	ng/ul	100
88) Benzo(a)pyrene	23.55	252	605840	19.35	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	26.01	276	697354	19.94	ng/ul	100
90) Dibenzo(a,h)anthracene	26.03	278	584802	19.35	ng/ul	100
91) Benzo(g,h,i)perylene	26.73	276	579898	20.04	ng/ul	100

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

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