Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021915\
Data File : BG016002.D
Acq On : 19 Feb 2015 14:35
Operator : TP/IZ
Sample : SSTD00506
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 20 05:41:45 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	7.80	152	96355	20.00	ng/ul	-0.01
16) Naphthalene-d8	10.59	136	417598	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.44	164	250513	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.18	188	537020	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	563086	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	544181	20.00	ng/ul	0.01
System Monitoring Compounds						
3) Phenol-d5	6.96	99	49707	5.40	ng/ul	-0.01
5) Bis-(2-Chloroethyl)ether-d	7.14	67	31775	6.13	ng/ul	0.00
7) 2-Chlorophenol-d4	7.33	132	35828	5.79	ng/ul	-0.01
11) 4-Methylphenol-d8	8.50	113	36556	5.52	ng/ul	0.00
17) Nitrobenzene-d5	8.96	128	14650	4.47	ng/ul	0.00
20) 2-Nitrophenol-d4	9.68	143	13057	3.86	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.21	165	31640	4.78	ng/ul	0.00
27) 4-Chloroaniline-d4	10.73	131	34610	4.77	ng/ul	0.00
41) Dimethylphthalate-d6	13.85	166	97122	5.76	ng/ul	0.00
44) Acenaphthylene-d8	14.13	160	144598	6.76	ng/ul	0.00
49) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
55) Fluorene-d10	15.43	176	106295	6.30	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
68) Anthracene-d10	17.27	188	157978	6.36	ng/ul	0.00
76) Pyrene-d10	19.57	212	166018	7.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	145161	5.92	ng/ul	0.00
Target Compounds						Qvalue
2) Benzaldehyde	6.95	77	33768	5.68	ng/ul	97
4) Phenol	6.99	94	54048	5.57	ng/ul	97
6) Bis(2-Chloroethyl)ether	7.23	93	44668	6.24	ng/ul	98
8) 2-Chlorophenol	7.37	128	36623	6.02	ng/ul	97
9) 2-Methylphenol	8.24	108	37037	5.44	ng/ul	95
10) 2,2'-oxybis(1-Chloropropan	8.34	45	58788	9.67	ng/ul	99
12) Acetophenone	8.62	105	60919	5.61	ng/ul	96
13) N-Nitroso-di-n-propylamine	8.60	70	33160	5.53	ng/ul	95
14) 4-Methylphenol	8.56	108	41794	5.50	ng/ul	99
15) Hexachloroethane	8.89	117	15424	5.09	ng/ul	96
18) Nitrobenzene	9.00	77	36497	3.61	ng/ul#	94
19) Isophorone	9.52	82	87120	4.94	ng/ul	99
21) 2-Nitrophenol	9.71	139	14689	3.97	ng/ul	94
22) 2,4-Dimethylphenol	9.77	107	40827	4.26	ng/ul	97
23) Bis(2-Chloroethoxy)methane	10.01	93	56202	5.65	ng/ul	98
25) 2,4-Dichlorophenol	10.24	162	31408	4.62	ng/ul	89
26) Naphthalene	10.65	128	138864	6.44	ng/ul	99
28) 4-Chloroaniline	10.75	127	33822	4.54	ng/ul	97
29) Hexachlorobutadiene	10.94	225	19590	3.32	ng/ul	97
30) Caprolactam	11.49	113	12522	4.36	ng/ul	86
31) 4-Chloro-3-methylphenol	11.88	107	35882	4.05	ng/ul	97
32) 2-Methylnaphthalene	12.26	142	94958	6.11	ng/ul	96
34) 1,2,4,5-Tetrachlorobenzene	12.63	216	41030	5.03	ng/ul	97
35) Hexachlorocyclopentadiene	12.61	237	15060	3.39	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2,4,6-Trichlorophenol	12.87	196	19434	3.95	ng/ul	100
37) 2,4,5-Trichlorophenol	12.93	196	22626	4.11	ng/ul	96
38) 1,1'-Biphenyl	13.27	154	120591	6.83	ng/ul	97
39) 2-Chloronaphthalene	13.31	162	89706	6.59	ng/ul	98
42) Dimethylphthalate	13.90	163	103741	5.91	ng/ul	99
43) 2,6-Dinitrotoluene	14.01	165	14246	3.89	ng/ul	95
45) Acenaphthylene	14.16	152	156239	6.76	ng/ul	99
47) Acenaphthene	14.50	153	103928	6.90	ng/ul	97
51) Dibenzofuran	14.84	168	142642	6.48	ng/ul	96
52) 2,4-Dinitrotoluene	14.80	165	19836	3.73	ng/ul	93
53) 2,3,4,6-Tetrachlorophenol	15.06	232	17019	3.09	ng/ul	96
54) Diethylphthalate	15.26	149	103648	5.58	ng/ul	98
56) Fluorene	15.48	166	122906	6.84	ng/ul	100
57) 4-Chlorophenyl-phenylether	15.48	204	54306	5.04	ng/ul	97
62) N-Nitrosodiphenylamine	15.69	169	100053	6.50	ng/ul	99
63) 4-Bromophenyl-phenylether	16.38	248	33202	5.05	ng/ul	95
64) Hexachlorobenzene	16.49	284	37799	5.37	ng/ul	97
65) Atrazine	16.64	200	28227	4.63	ng/ul	97
67) Phenanthrene	17.22	178	192558	6.98	ng/ul	97
69) Anthracene	17.31	178	194679	6.88	ng/ul	99
70) 1,2,3,4-Tetrachlorobenzene	13.23	216	41002	5.52	ng/uL	98
71) Pentachlorobenzene	14.75	250	39442	5.11	ng/uL	96
72) Carbazole	17.58	167	177347	6.80	ng/ul	98
73) Di-n-butylphthalate	18.15	149	170763	5.72	ng/ul	99
74) Fluoranthene	19.24	202	206742	5.80	ng/ul	99
77) Pyrene	19.60	202	223148	7.22	ng/ul	94
78) Butylbenzylphthalate	20.50	149	68219	5.76	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.27	252	38911	4.01	ng/ul	98
80) Benzo(a)anthracene	21.34	228	200273	6.34	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.27	149	91109	5.72	ng/ul	99
82) Chrysene	21.39	228	191707	6.44	ng/ul	97
84) Di-n-octyl phthalate	22.17	149	149535	5.59	ng/ul	100
85) Benzo(b)fluoranthene	22.97	252	181727	5.62	ng/ul	100
86) Benzo(k)fluoranthene	23.01	252	185503	6.01	ng/ul	98
88) Benzo(a)pyrene	23.56	252	180608	5.85	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.03	276	205430	5.96	ng/ul	95
90) Dibenzo(a,h)anthracene	26.04	278	169770	5.70	ng/ul	98
91) Benzo(g,h,i)perylene	26.75	276	172118	6.04	ng/ul	98

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

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