Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032015\
Data File : BG016089.D
Acq On : 21 Mar 2015 5:46
Operator : TP/IZ
Sample : SSTD02030
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02030

Quant Time: Mar 21 07:28:07 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 21 04:57:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	79783	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	352828	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.43	164	198689	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	375368	20.00	ng/ul	0.01
75) Chrysene-d12	21.34	240	396219	20.00	ng/ul	0.01
83) Perylene-d12	23.64	264	388059	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	14341	7.36	ng/uL	0.00
5) Phenol-d5	6.97	99	147330	20.74	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.14	67	80211	20.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	115304	20.90	ng/ul	0.01
13) 4-Methylphenol-d8	8.51	113	109709	20.36	ng/ul	0.01
19) Nitrobenzene-d5	8.96	128	59249	21.14	ng/ul	0.01
22) 2-Nitrophenol-d4	9.68	143	65113	24.24	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.21	165	108011	21.76	ng/ul	0.01
29) 4-Chloroaniline-d4	10.73	131	153487	22.42	ng/ul	0.01
43) Dimethylphthalate-d6	13.84	166	253082	19.54	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	379995	21.10	ng/ul	0.01
51) 4-Nitrophenol-d4	14.62	143	61208	19.78	ng/ul	0.01
57) Fluorene-d10	15.42	176	255665	19.74	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.55	200	25412	12.95	ng/ul	0.02
70) Anthracene-d10	17.27	188	352421	20.55	ng/ul	0.01
76) Pyrene-d10	19.56	212	349664	19.73	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.49	264	355056	20.98	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	16807	7.01	ng/uL#	93
4) Benzaldehyde	6.95	77	90495	21.93	ng/ul	97
6) Phenol	7.00	94	160954	20.51	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.23	93	121588	19.59	ng/ul	98
10) 2-Chlorophenol	7.37	128	119032	20.23	ng/ul	96
11) 2-Methylphenol	8.24	108	117446	20.55	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.34	45	147253	21.48	ng/ul	99
14) Acetophenone	8.62	105	165958	19.48	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.61	70	93110	20.16	ng/ul	98
16) 4-Methylphenol	8.57	108	129318	20.34	ng/ul	99
17) Hexachloroethane	8.88	117	48157	21.01	ng/ul	95
20) Nitrobenzene	9.00	77	133590	21.11	ng/ul	98
21) Isophorone	9.52	82	253685	20.21	ng/ul	99
23) 2-Nitrophenol	9.71	139	70039	22.40	ng/ul	98
24) 2,4-Dimethylphenol	9.77	107	128112	20.64	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.01	93	152475	19.56	ng/ul	99
27) 2,4-Dichlorophenol	10.24	162	106880	20.86	ng/ul	98
28) Naphthalene	10.64	128	386519	20.29	ng/ul	99
30) 4-Chloroaniline	10.75	127	153020	21.58	ng/ul	97
31) Hexachlorobutadiene	10.92	225	58615	20.89	ng/ul	98
32) Caprolactam	11.51	113	49528	20.43	ng/ul	98
33) 4-Chloro-3-methylphenol	11.88	107	117979	21.20	ng/ul	98
34) 2-Methylnaphthalene	12.25	142	268782	19.94	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	115040	21.74	ng/ul	99
37) Hexachlorocyclopentadiene	12.60	237	39239	13.59	ng/ul	99
38) 2,4,6-Trichlorophenol	12.86	196	78996	23.83	ng/ul	97
39) 2,4,5-Trichlorophenol	12.93	196	82446	22.82	ng/ul	93
40) 1,1'-Biphenyl	13.27	154	327124	21.00	ng/ul	99
41) 2-Chloronaphthalene	13.31	162	246302	20.96	ng/ul	98
42) 2-Nitroaniline	13.51	65	73827	22.54	ng/ul	94
44) Dimethylphthalate	13.88	163	288486	19.63	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	66636	21.97	ng/ul	94
47) Acenaphthylene	14.15	152	423608	20.96	ng/ul	99
48) 3-Nitroaniline	14.34	138	80620	22.82	ng/ul	98
49) Acenaphthene	14.50	153	275427	20.35	ng/ul	98
50) 2,4-Dinitrophenol	14.55	184	17214	12.64	ng/ul	97
52) 4-Nitrophenol	14.64	109	32109	18.99	ng/ul	94
53) Dibenzofuran	14.83	168	362691	19.85	ng/ul	99
54) 2,4-Dinitrotoluene	14.79	165	90117	20.55	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.05	232	70885	22.40	ng/ul	99
56) Diethylphthalate	15.25	149	286208	18.97	ng/ul	99
58) Fluorene	15.48	166	309643	19.40	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.47	204	138467	19.21	ng/ul	99
60) 4-Nitroaniline	15.49	138	86601	20.66	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.56	198	27326	12.16	ng/ul	99
64) N-Nitrosodiphenylamine	15.69	169	261226	21.95	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	84244	21.62	ng/ul	99
66) Hexachlorobenzene	16.48	284	93151	21.15	ng/ul	97
67) Atrazine	16.63	200	87663	21.36	ng/ul	99
68) Pentachlorophenol	16.82	266	57380	23.93	ng/ul	98
69) Phenanthrene	17.22	178	432675	20.28	ng/ul	99
71) Anthracene	17.30	178	447694	20.67	ng/ul	100
72) Carbazole	17.57	167	416019	19.97	ng/ul	98
73) Di-n-butylphthalate	18.13	149	491306	20.43	ng/ul	99
74) Fluoranthene	19.22	202	462923	19.19	ng/ul	98
77) Pyrene	19.59	202	484591	19.88	ng/ul	100
78) Butylbenzylphthalate	20.48	149	230535	23.06	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.26	252	159597	24.66	ng/ul#	97
80) Benzo(a)anthracene	21.33	228	476373	21.22	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.25	149	330602	24.47	ng/ul	98
82) Chrysene	21.38	228	442856	20.74	ng/ul	100
84) Di-n-octyl phthalate	22.14	149	562006	24.56	ng/ul	100
85) Benzo(b)fluoranthene	22.94	252	480970	21.59	ng/ul#	96
86) Benzo(k)fluoranthene	22.98	252	456711	20.76	ng/ul#	94
88) Benzo(a)pyrene	23.54	252	447829	20.18	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.99	276	433187	16.87	ng/ul	98
90) Dibenzo(a,h)anthracene	26.00	278	393948	18.30	ng/ul	98
91) Benzo(g,h,i)perylene	26.71	276	330752	15.33	ng/ul	97

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

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