Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021615\
Data File : BG015995.D
Acq On : 16 Feb 2015 16:29
Operator : TP/IZ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02007

Quant Time: Feb 16 17:19:48 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 11 12:50:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	69158	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.60	136	322067	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.44	164	202673	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.18	188	421577	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	456371	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	422852	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	13502	8.00	ng/uL	-0.01
5) Phenol-d5	6.97	99	135718	19.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	78731	19.92	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.34	132	99876	19.63	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	105066	19.70	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	49956	18.63	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.69	143	50046	18.26	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.22	165	96110	19.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	121226	22.54	ng/ul	-0.01
43) Dimethylphthalate-d6	13.85	166	269931	19.83	ng/ul	-0.01
46) Acenaphthylene-d8	14.13	160	377318	20.34	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.63	143	62959	18.53	ng/ul	0.00
57) Fluorene-d10	15.43	176	265092	19.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	38196	15.32	ng/ul	0.00
70) Anthracene-d10	17.28	188	395728	20.44	ng/ul	0.00
76) Pyrene-d10	19.57	212	426402	21.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	383796	20.50	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	15807	8.19	ng/uL	97
4) Benzaldehyde	6.95	77	46381	22.73	ng/ul	96
6) Phenol	6.99	94	145707	20.39	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.24	93	111406	20.33	ng/ul	99
10) 2-Chlorophenol	7.37	128	103016	20.01	ng/ul	99
11) 2-Methylphenol	8.25	108	104627	19.74	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.35	45	147919	19.48	ng/ul	98
14) Acetophenone	8.63	105	156399	20.40	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.62	70	89783	19.34	ng/ul	99
16) 4-Methylphenol	8.57	108	117955	19.83	ng/ul	100
17) Hexachloroethane	8.89	117	39862	19.94	ng/ul	99
20) Nitrobenzene	9.00	77	119051	19.35	ng/ul	97
21) Isophorone	9.53	82	248094	19.63	ng/ul	99
23) 2-Nitrophenol	9.71	139	55786	18.93	ng/ul	95
24) 2,4-Dimethylphenol	9.77	107	118831	19.85	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.01	93	146506	19.88	ng/ul	98
27) 2,4-Dichlorophenol	10.24	162	93686	19.94	ng/ul	99
28) Naphthalene	10.65	128	344650	20.57	ng/ul	99
30) 4-Chloroaniline	10.75	127	121809	22.56	ng/ul	98
31) Hexachlorobutadiene	10.94	225	48589	19.67	ng/ul	96
32) Caprolactam	11.51	113	48255	19.16	ng/ul	95
33) 4-Chloro-3-methylphenol	11.88	107	112011	19.61	ng/ul	100
34) 2-Methylnaphthalene	12.26	142	244250	20.29	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	102597	19.77 ng/ul	99
37) Hexachlorocyclopentadiene	12.61	237	54286	16.79 ng/ul	95
38) 2,4,6-Trichlorophenol	12.87	196	67392	19.42 ng/ul	98
39) 2,4,5-Trichlorophenol	12.93	196	75837	19.74 ng/ul	99
40) 1,1'-Biphenyl	13.27	154	308616	20.15 ng/ul	99
41) 2-Chloronaphthalene	13.32	162	228349	20.04 ng/ul	99
42) 2-Nitroaniline	13.52	65	72087	18.83 ng/ul	95
44) Dimethylphthalate	13.90	163	292593	19.91 ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	58564	18.54 ng/ul	99
47) Acenaphthylene	14.16	152	409001	20.52 ng/ul	100
48) 3-Nitroaniline	14.34	138	72022	20.60 ng/ul	99
49) Acenaphthene	14.50	153	265764	20.13 ng/ul	98
50) 2,4-Dinitrophenol	14.54	184	22161	13.21 ng/ul	94
52) 4-Nitrophenol	14.64	109	37409	19.56 ng/ul	96
53) Dibenzofuran	14.84	168	361237	20.41 ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	82403	18.66 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.06	232	64816	19.38 ng/ul#	94
56) Diethylphthalate	15.27	149	299391	19.68 ng/ul	99
58) Fluorene	15.49	166	313266	20.20 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.48	204	141784	19.84 ng/ul	98
60) 4-Nitroaniline	15.50	138	84883	19.70 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.56	198	44454	16.41 ng/ul	100
64) N-Nitrosodiphenylamine	15.69	169	269067	20.40 ng/ul	98
65) 4-Bromophenyl-phenylether	16.38	248	86274	19.68 ng/ul	98
66) Hexachlorobenzene	16.49	284	95671	19.46 ng/ul	99
67) Atrazine	16.65	200	87665	20.08 ng/ul	96
68) Pentachlorophenol	16.83	266	52433	17.91 ng/ul	99
69) Phenanthrene	17.22	178	473862	20.81 ng/ul	99
71) Anthracene	17.32	178	485334	20.68 ng/ul	99
72) Carbazole	17.58	167	463479	22.32 ng/ul	99
73) Di-n-butylphthalate	18.15	149	545962	20.48 ng/ul	100
74) Fluoranthene	19.24	202	523612	22.69 ng/ul	98
77) Pyrene	19.60	202	560213	21.09 ng/ul	99
78) Butylbenzylphthalate	20.50	149	250581	20.84 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.28	252	168833	19.91 ng/ul	99
80) Benzo(a)anthracene	21.34	228	524278	20.97 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.28	149	330183	20.74 ng/ul	99
82) Chrysene	21.39	228	486771	20.78 ng/ul	100
84) Di-n-octyl phthalate	22.17	149	537564	23.07 ng/ul	100
85) Benzo(b)fluoranthene	22.96	252	494214	20.80 ng/ul	98
86) Benzo(k)fluoranthene	23.01	252	477489	20.87 ng/ul	100
88) Benzo(a)pyrene	23.56	252	478843	20.83 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.02	276	553435	20.06 ng/ul	98
90) Dibenzo(a,h)anthracene	26.04	278	470491	20.25 ng/ul	98
91) Benzo(g,h,i)perylene	26.74	276	461862	20.05 ng/ul	99

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

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