Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG021315\
Data File : BG015987.D
Acq On : 13 Feb 2015 8:47
Operator : TP/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTDCCC020

Quant Time: Feb 13 11:35:02 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	79907	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.60	136	373753	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.44	164	232991	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	486287	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	545916	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	507434	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	15036	7.71	ng/uL	-0.01
5) Phenol-d5	6.97	99	155996	19.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	93358	20.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	115045	19.57	ng/ul	-0.01
13) 4-Methylphenol-d8	8.51	113	121917	19.78	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	58896	18.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	59017	18.56	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.22	165	110250	19.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	137198	21.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	312387	19.96	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	435162	20.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	75802	19.41	ng/ul	0.00
57) Fluorene-d10	15.44	176	310426	20.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	46135	16.04	ng/ul	0.00
70) Anthracene-d10	17.28	188	461526	20.67	ng/ul	0.00
76) Pyrene-d10	19.57	212	497613	20.48	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	453959	20.20	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	17584	7.88	ng/uL	98
4) Benzaldehyde	6.95	77	53161	22.55	ng/ul	97
6) Phenol	6.99	94	166864	20.21	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.24	93	128927	20.36	ng/ul	100
10) 2-Chlorophenol	7.37	128	115982	19.50	ng/ul	97
11) 2-Methylphenol	8.25	108	120836	19.73	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.35	45	176366	20.10	ng/ul	99
14) Acetophenone	8.63	105	181653	20.51	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.62	70	107809	20.10	ng/ul	96
16) 4-Methylphenol	8.57	108	135245	19.68	ng/ul	97
17) Hexachloroethane	8.89	117	44985	19.48	ng/ul	93
20) Nitrobenzene	9.01	77	141014	19.75	ng/ul	97
21) Isophorone	9.53	82	292249	19.93	ng/ul	100
23) 2-Nitrophenol	9.72	139	65716	19.22	ng/ul	97
24) 2,4-Dimethylphenol	9.77	107	138344	19.92	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.02	93	173046	20.24	ng/ul	99
27) 2,4-Dichlorophenol	10.24	162	108205	19.84	ng/ul	98
28) Naphthalene	10.65	128	396753	20.40	ng/ul	99
30) 4-Chloroaniline	10.76	127	139844	22.32	ng/ul	99
31) Hexachlorobutadiene	10.94	225	56371	19.67	ng/ul	98
32) Caprolactam	11.51	113	55594	19.02	ng/ul	98
33) 4-Chloro-3-methylphenol	11.88	107	130413	19.68	ng/ul	98
34) 2-Methylnaphthalene	12.26	142	282455	20.21	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	118186	19.81	ng/ul	97
37) Hexachlorocyclopentadiene	12.62	237	65065	17.51	ng/ul	97
38) 2,4,6-Trichlorophenol	12.87	196	79194	19.85	ng/ul	98
39) 2,4,5-Trichlorophenol	12.94	196	88584	20.06	ng/ul	98
40) 1,1'-Biphenyl	13.28	154	361178	20.51	ng/ul	99
41) 2-Chloronaphthalene	13.31	162	266694	20.36	ng/ul	99
42) 2-Nitroaniline	13.52	65	85050	19.33	ng/ul	93
44) Dimethylphthalate	13.90	163	339774	20.11	ng/ul	99
45) 2,6-Dinitrotoluene	14.02	165	67104	18.48	ng/ul	97
47) Acenaphthylene	14.16	152	474989	20.73	ng/ul	100
48) 3-Nitroaniline	14.34	138	83899	20.87	ng/ul	98
49) Acenaphthene	14.51	153	310369	20.45	ng/ul	97
50) 2,4-Dinitrophenol	14.55	184	27062	14.03	ng/ul	99
52) 4-Nitrophenol	14.64	109	43487	19.78	ng/ul	98
53) Dibenzofuran	14.84	168	424101	20.84	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	98938	19.49	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.07	232	74339	19.34	ng/ul	99
56) Diethylphthalate	15.27	149	351974	20.13	ng/ul	98
58) Fluorene	15.49	166	365425	20.50	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.49	204	165051	20.09	ng/ul	98
60) 4-Nitroaniline	15.51	138	97699	19.72	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.56	198	52001	16.64	ng/ul	93
64) N-Nitrosodiphenylamine	15.70	169	311484	20.47	ng/ul	98
65) 4-Bromophenyl-phenylether	16.38	248	101953	20.16	ng/ul	99
66) Hexachlorobenzene	16.49	284	112964	19.92	ng/ul	97
67) Atrazine	16.65	200	101278	20.11	ng/ul	97
68) Pentachlorophenol	16.83	266	60803	18.01	ng/ul	98
69) Phenanthrene	17.23	178	551988	21.02	ng/ul	98
71) Anthracene	17.32	178	568361	20.99	ng/ul	99
72) Carbazole	17.59	167	546533	22.82	ng/ul	99
73) Di-n-butylphthalate	18.16	149	640863	20.84	ng/ul	99
74) Fluoranthene	19.24	202	625564	23.50	ng/ul	100
77) Pyrene	19.60	202	662199	20.84	ng/ul	99
78) Butylbenzylphthalate	20.51	149	301697	20.97	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.27	252	207847	20.49	ng/ul	98
80) Benzo(a)anthracene	21.34	228	625854	20.93	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.28	149	393835	20.68	ng/ul	99
82) Chrysene	21.39	228	590294	21.06	ng/ul	100
84) Di-n-octyl phthalate	22.18	149	640437	22.90	ng/ul	100
85) Benzo(b)fluoranthene	22.96	252	576257	20.21	ng/ul	99
86) Benzo(k)fluoranthene	23.01	252	588418	21.43	ng/ul	99
88) Benzo(a)pyrene	23.56	252	571048	20.70	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.03	276	658156	19.88	ng/ul	97
90) Dibenzo(a,h)anthracene	26.04	278	556005	19.95	ng/ul	96
91) Benzo(g,h,i)perylene	26.74	276	546691	19.78	ng/ul	96

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

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