Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010516\
Data File : BG020654.D
Acq On : 5 Jan 2016 13:40
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02012

Quant Time: Jan 06 00:02:52 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 01 03:15:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	17910	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	75086	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	55622	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	142424	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	162986	20.00	ng/ul	0.00
86) Perylene-d12	24.96	264	155086	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	2894	9.68	ng/uL	-0.01
5) Phenol-d5	7.21	99	30741	20.32	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.37	67	18872	20.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	24332	21.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	26677	20.55	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	12997	22.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	15531	23.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	28407	22.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	35538	23.40	ng/ul	-0.01
44) Dimethylphthalate-d6	14.09	166	97911	21.51	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	110963	21.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	14182	19.87	ng/ul	0.00
58) Fluorene-d10	15.68	176	87017	21.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	14549m	16.84	ng/ul	0.00
71) Anthracene-d10	17.53	188	139402	21.01	ng/ul	-0.01
79) Pyrene-d10	19.82	212	157885	21.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	168362	21.76	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	3555	9.41	ng/uL#	84
4) Benzaldehyde	7.19	77	20408	22.01	ng/ul	92
6) Phenol	7.24	94	32836	20.15	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.47	93	24068	20.71	ng/ul	97
10) 2-Chlorophenol	7.61	128	25698	21.26	ng/ul	98
11) 2-Methylphenol	8.50	108	25562	20.35	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.58	45	32325	21.28	ng/ul	99
14) Acetophenone	8.88	105	42273	19.88	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.85	70	23055	21.47	ng/ul#	95
16) 4-Methylphenol	8.82	108	28012	20.16	ng/ul	100
17) Hexachloroethane	9.14	117	10449	20.57	ng/ul	89
20) Nitrobenzene	9.27	77	32347	22.33	ng/ul	97
21) Isophorone	9.78	82	63765	22.62	ng/ul	99
23) 2-Nitrophenol	9.98	139	16273	22.90	ng/ul	97
24) 2,4-Dimethylphenol	10.03	107	33397	22.32	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.26	93	34219	21.97	ng/ul#	98
27) 2,4-Dichlorophenol	10.52	162	29878	22.62	ng/ul	97
28) Naphthalene	10.92	128	85046	21.39	ng/ul	98
30) 4-Chloroaniline	11.03	127	35841	22.97	ng/ul	97
31) Hexachlorobutadiene	11.20	225	23243	21.82	ng/ul	95
32) Caprolactam	11.79	113	9914	21.91	ng/ul	92
33) 4-Chloro-3-methylphenol	12.15	107	32752	22.91	ng/ul	98
34) 2-Methylnaphthalene	12.52	142	63995	21.51	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.74	142	62064	21.61 ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	44446	20.75 ng/ul	100
38) Hexachlorocyclopentadiene	12.86	237	15325	19.88 ng/ul	96
39) 2,4,6-Trichlorophenol	13.13	196	28587	23.83 ng/ul	98
40) 2,4,5-Trichlorophenol	13.21	196	31975m	24.28 ng/ul	
41) 1,1'-Biphenyl	13.52	154	89422	21.37 ng/ul	99
42) 2-Chloronaphthalene	13.57	162	72831	21.62 ng/ul	98
43) 2-Nitroaniline	13.78	65	22506	23.29 ng/ul	99
45) Dimethylphthalate	14.14	163	100904	21.69 ng/ul	99
46) 2,6-Dinitrotoluene	14.27	165	20904	21.66 ng/ul	97
48) Acenaphthylene	14.41	152	117924	21.41 ng/ul	98
49) 3-Nitroaniline	14.60	138	20889	23.80 ng/ul	96
50) Acenaphthene	14.75	153	78296	21.01 ng/ul	98
51) 2,4-Dinitrophenol	14.82	184	4428	10.88 ng/ul	93
53) 4-Nitrophenol	14.91	109	13008	20.64 ng/ul	98
54) Dibenzofuran	15.09	168	119065	21.14 ng/ul	98
55) 2,4-Dinitrotoluene	15.06	165	30362	21.56 ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	15.32	232	28117	22.91 ng/ul#	99
57) Diethylphthalate	15.49	149	102081	21.30 ng/ul	97
59) Fluorene	15.74	166	94255	20.81 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.72	204	54899	20.97 ng/ul	98
61) 4-Nitroaniline	15.76	138	21916	22.84 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.82	198	14961m	16.19 ng/ul	
65) N-Nitrosodiphenylamine	15.94	169	84745	21.61 ng/ul	96
66) 4-Bromophenyl-phenylether	16.62	248	36704	21.21 ng/ul	93
67) Hexachlorobenzene	16.74	284	39315	20.70 ng/ul	100
68) Atrazine	16.88	200	35601	20.55 ng/ul	96
69) Pentachlorophenol	17.09	266	12791	16.72 ng/ul	93
70) Phenanthrene	17.48	178	162190	20.95 ng/ul	99
72) Anthracene	17.57	178	167285	21.12 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	49225	21.77 ng/uL	98
74) Pentachlorobenzene	15.01	250	46428	21.49 ng/uL	98
75) Carbazole	17.84	167	140026	20.95 ng/ul	98
76) Di-n-butylphthalate	18.38	149	165038	21.05 ng/ul	99
77) Fluoranthene	19.48	202	198843	21.02 ng/ul	100
80) Pyrene	19.85	202	200124	21.20 ng/ul	98
81) Butylbenzylphthalate	20.72	149	76153	22.91 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.60	252	71011	22.88 ng/ul	99
83) Benzo(a)anthracene	21.69	228	205503	21.55 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	107689	22.54 ng/ul	99
85) Chrysene	21.76	228	191410	21.32 ng/ul	99
87) Di-n-octyl phthalate	22.78	149	184040	22.60 ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	194843	21.16 ng/ul	99
89) Benzo(k)fluoranthene	23.99	252	191899	21.74 ng/ul	97
91) Benzo(a)pyrene	24.81	252	184768	20.88 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.67	276	225084	21.33 ng/ul	98
93) Dibenzo(a,h)anthracene	28.72	278	189305	21.51 ng/ul	98
94) Benzo(g,h,i)perylene	29.84	276	184456	21.27 ng/ul	99

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

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