Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019049.D
Acq On : 6 Oct 2015 5:31
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02036

Manual Integrations APPROVED
MMDadoda
10/6/2015 5:55:18 PM

Quant Time: Oct 06 07:11:26 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 06 04:27:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	31867	20.00	ng/ul	0.01
18) Naphthalene-d8	10.87	136	144444	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.68	164	90628	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	196419	20.00	ng/ul	0.01
78) Chrysene-d12	21.69	240	199463	20.00	ng/ul	0.02
86) Perylene-d12	24.93	264	193337	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	4490	6.37	ng/uL	0.00
5) Phenol-d5	7.22	99	55294	20.13	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.38	67	34381	19.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	42021	20.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	44112	20.43	ng/ul	0.02
19) Nitrobenzene-d5	9.21	128	22437	20.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	24578	21.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	49273	21.91	ng/ul	0.02
29) 4-Chloroaniline-d4	11.00	131	61156	22.30	ng/ul	0.01
44) Dimethylphthalate-d6	14.09	166	140311	19.64	ng/ul	0.01
47) Acenaphthylene-d8	14.37	160	176495	19.97	ng/ul	0.01
52) 4-Nitrophenol-d4	14.88	143	26639	18.45	ng/ul	0.03
58) Fluorene-d10	15.67	176	123731	19.12	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.78	200	12014	11.28	ng/ul	0.01
71) Anthracene-d10	17.52	188	181342	19.61	ng/ul	0.01
79) Pyrene-d10	19.80	212	187246	20.27	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.70	264	199186	20.14	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	4892	6.30	ng/uL	87
4) Benzaldehyde	7.19	77	33761	20.75	ng/ul	95
6) Phenol	7.25	94	57372	20.48	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.47	93	39301	18.61	ng/ul	96
10) 2-Chlorophenol	7.62	128	43399	20.27	ng/ul	96
11) 2-Methylphenol	8.50	108	43797	20.28	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.59	45	86227	20.81	ng/ul#	96
14) Acetophenone	8.87	105	68883	20.60	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.86	70	35053	19.50	ng/ul	99
16) 4-Methylphenol	8.83	108	50189	21.08	ng/ul	99
17) Hexachloroethane	9.14	117	17460	20.49	ng/ul	95
20) Nitrobenzene	9.26	77	54741	20.14	ng/ul	99
21) Isophorone	9.78	82	102743	19.37	ng/ul	99
23) 2-Nitrophenol	9.97	139	25537	21.17	ng/ul	99
24) 2,4-Dimethylphenol	10.03	107	55654	20.33	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.26	93	57135	18.22	ng/ul	96
27) 2,4-Dichlorophenol	10.51	162	48500	21.10	ng/ul	94
28) Naphthalene	10.91	128	149741	20.02	ng/ul	97
30) 4-Chloroaniline	11.02	127	62820	22.16	ng/ul	97
31) Hexachlorobutadiene	11.20	225	31792	21.70	ng/ul	97
32) Caprolactam	11.78	113	15428	19.91	ng/ul#	73
33) 4-Chloro-3-methylphenol	12.14	107	54397	21.57	ng/ul	97
34) 2-Methylnaphthalene	12.51	142	112606	20.10	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.73	142	110521	20.11	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.88	216	61738	20.98	ng/ul	99
38) Hexachlorocyclopentadiene	12.86	237	13424	7.10	ng/ul	89
39) 2,4,6-Trichlorophenol	13.12	196	41224	21.55	ng/ul	97
40) 2,4,5-Trichlorophenol	13.19	196	43796	21.33	ng/ul	97
41) 1,1'-Biphenyl	13.52	154	145746	19.73	ng/ul	100
42) 2-Chloronaphthalene	13.56	162	116025	20.23	ng/ul	98
43) 2-Nitroaniline	13.76	65	41350	22.19	ng/ul	96
45) Dimethylphthalate	14.13	163	140175	19.21	ng/ul	99
46) 2,6-Dinitrotoluene	14.25	165	30939	22.05	ng/ul	98
48) Acenaphthylene	14.40	152	187401	19.80	ng/ul	99
49) 3-Nitroaniline	14.58	138	31735	22.89	ng/ul	97
50) Acenaphthene	14.74	153	126705	19.73	ng/ul	94
51) 2,4-Dinitrophenol	14.78	184	7212	8.88	ng/ul	94
53) 4-Nitrophenol	14.89	109	21373	19.36	ng/ul	96
54) Dibenzofuran	15.08	168	171295	19.61	ng/ul	94
55) 2,4-Dinitrotoluene	15.04	165	42693	20.81	ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	15.30	232	37217	19.64	ng/ul	94
57) Diethylphthalate	15.49	149	140611	19.21	ng/ul	99
59) Fluorene	15.72	166	141903	19.27	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.72	204	71339	19.62	ng/ul	94
61) 4-Nitroaniline	15.74	138	32840	20.97	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.80	198	12796	11.37	ng/ul	99
65) N-Nitrosodiphenylamine	15.93	169	117651	20.59	ng/ul	99
66) 4-Bromophenyl-phenylether	16.61	248	46071	21.49	ng/ul	99
67) Hexachlorobenzene	16.73	284	50330	20.64	ng/ul	97
68) Atrazine	16.88	200	49944	21.07	ng/ul	99
69) Pentachlorophenol	17.08	266	28806	18.82	ng/ul	94
70) Phenanthrene	17.46	178	215688	19.49	ng/ul	99
72) Anthracene	17.56	178	217869	19.53	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	61308	23.14	ng/uL	95
74) Pentachlorobenzene	15.00	250	57003	22.08	ng/uL	95
75) Carbazole	17.82	167	192810	20.03	ng/ul	99
76) Di-n-butylphthalate	18.38	149	230958	18.77	ng/ul	99
77) Fluoranthene	19.47	202	238948	18.54	ng/ul	98
80) Pyrene	19.83	202	243745	20.30	ng/ul	97
81) Butylbenzylphthalate	20.72	149	98254	21.58	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.58	252	79749	21.60	ng/ul	99
83) Benzo(a)anthracene	21.67	228	230272	20.00	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	136178	20.61	ng/ul	99
85) Chrysene	21.74	228	212581	19.57	ng/ul	98
87) Di-n-octyl phthalate	22.80	149	244654	22.29	ng/ul	100
88) Benzo(b)fluoranthene	23.90	252	230029	20.19	ng/ul	99
89) Benzo(k)fluoranthene	23.97	252	215914	19.46	ng/ul	99
91) Benzo(a)pyrene	24.77	252	217158	19.69	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.61	276	236635m	18.71	ng/ul	
93) Dibenzo(a,h)anthracene	28.68	278	186417	17.06	ng/ul	96
94) Benzo(g,h,i)perylene	29.76	276	154437	14.67	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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