Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019315.D
Acq On : 24 Oct 2015 1:28
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02031

Manual Integrations APPROVED
MmDadoda
10/26/2015 7:38:18 PM

Quant Time: Oct 25 00:45:37 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 24 02:09:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	29263	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	119011	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.86	164	97890	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	287202	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	365650	20.00	ng/ul	0.00
86) Perylene-d12	25.28	264	337716	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	5512	10.46	ng/uL	0.00
5) Phenol-d5	7.37	99	54623	21.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	33980	22.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	36705	22.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.93	113	45552	22.69	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	19453	21.52	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	23144	22.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.67	165	47393	21.05	ng/ul	0.00
29) 4-Chloroaniline-d4	11.19	131	54975	24.58	ng/ul	0.00
44) Dimethylphthalate-d6	14.26	166	173268	21.35	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	186339	20.74	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	28552	21.63	ng/ul	0.00
58) Fluorene-d10	15.84	176	155602	20.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.94	200	40618	21.48	ng/ul	0.00
71) Anthracene-d10	17.69	188	271887	20.67	ng/ul	0.00
79) Pyrene-d10	19.97	212	335582	20.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.04	264	357019	20.72	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.60	88	5223	8.84	ng/uL#	85
4) Benzaldehyde	7.37	77	41016	25.67	ng/ul	94
6) Phenol	7.40	94	59503	21.99	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.65	93	41472	22.54	ng/ul	95
10) 2-Chlorophenol	7.79	128	36145	21.39	ng/ul	93
11) 2-Methylphenol	8.67	108	44330	21.15	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.77	45	30618	22.61	ng/ul	100
14) Acetophenone	9.07	105	76885	22.79	ng/ul#	96
15) N-Nitroso-di-n-propylamine	9.05	70	46563	22.46	ng/ul#	85
16) 4-Methylphenol	9.00	108	47333	21.30	ng/ul	92
17) Hexachloroethane	9.34	117	17234	19.88	ng/ul	89
20) Nitrobenzene	9.45	77	68205	21.19	ng/ul	99
21) Isophorone	9.98	82	121097	21.54	ng/ul	99
23) 2-Nitrophenol	10.17	139	23060	20.08	ng/ul#	86
24) 2,4-Dimethylphenol	10.21	107	61335	21.09	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.46	93	59537	21.91	ng/ul	98
27) 2,4-Dichlorophenol	10.70	162	45444	20.70	ng/ul#	88
28) Naphthalene	11.12	128	126926	21.42	ng/ul#	93
30) 4-Chloroaniline	11.22	127	54023	23.26	ng/ul	92
31) Hexachlorobutadiene	11.40	225	47153	20.74	ng/ul	91
32) Caprolactam	11.98	113	17191m	24.50	ng/ul	
33) 4-Chloro-3-methylphenol	12.31	107	62147	22.01	ng/ul#	93
34) 2-Methylnaphthalene	12.71	142	101678	20.62	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.92	142	97919	21.31 ng/ul#	97
37) 1,2,4,5-Tetrachlorobenzene	13.06	216	83434	20.87 ng/ul	97
38) Hexachlorocyclopentadiene	13.05	237	64814	20.27 ng/ul	98
39) 2,4,6-Trichlorophenol	13.29	196	51182	21.10 ng/ul	90
40) 2,4,5-Trichlorophenol	13.36	196	55293	20.35 ng/ul	96
41) 1,1'-Biphenyl	13.70	154	149588	21.17 ng/ul#	96
42) 2-Chloronaphthalene	13.75	162	115281	20.75 ng/ul	97
43) 2-Nitroaniline	13.93	65	45687	20.83 ng/ul	97
45) Dimethylphthalate	14.30	163	170939	21.09 ng/ul#	96
46) 2,6-Dinitrotoluene	14.42	165	35579	20.90 ng/ul	91
48) Acenaphthylene	14.59	152	190287	20.89 ng/ul	100
49) 3-Nitroaniline	14.75	138	30849	21.75 ng/ul	95
50) Acenaphthene	14.92	153	126511	20.78 ng/ul	95
51) 2,4-Dinitrophenol	14.95	184	29775	21.93 ng/ul	97
53) 4-Nitrophenol	15.03	109	44924	20.64 ng/ul#	76
54) Dibenzofuran	15.26	168	189748	20.53 ng/ul	96
55) 2,4-Dinitrotoluene	15.20	165	54863	21.89 ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	15.47	232	62439	20.56 ng/ul#	97
57) Diethylphthalate	15.66	149	170511	21.11 ng/ul	99
59) Fluorene	15.90	166	166544	20.75 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.89	204	101876	20.66 ng/ul	97
61) 4-Nitroaniline	15.91	138	35426	21.16 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.96	198	43436	21.91 ng/ul#	99
65) N-Nitrosodiphenylamine	16.10	169	151442	20.70 ng/ul	96
66) 4-Bromophenyl-phenylether	16.78	248	69968	19.68 ng/ul	96
67) Hexachlorobenzene	16.90	284	78935	21.36 ng/ul#	93
68) Atrazine	17.04	200	77878	20.89 ng/ul	99
69) Pentachlorophenol	17.24	266	53942	20.52 ng/ul	93
70) Phenanthrene	17.64	178	306584	21.11 ng/ul	98
72) Anthracene	17.73	178	307704	20.99 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.67	216	82687	20.79 ng/uL	94
74) Pentachlorobenzene	15.17	250	84911	20.77 ng/uL	93
75) Carbazole	17.99	167	259316	21.73 ng/ul	99
76) Di-n-butylphthalate	18.55	149	297601	21.15 ng/ul	98
77) Fluoranthene	19.63	202	422391	21.68 ng/ul	99
80) Pyrene	20.00	202	432889	21.12 ng/ul#	97
81) Butylbenzylphthalate	20.87	149	130098	20.67 ng/ul	100
82) 3,3'-Dichlorobenzidine	21.77	252	157375	21.73 ng/ul	95
83) Benzo(a)anthracene	21.87	228	438032	20.65 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.77	149	185019	21.27 ng/ul	99
85) Chrysene	21.94	228	407270	20.89 ng/ul	99
87) Di-n-octyl phthalate	23.04	149	298037	20.93 ng/ul	100
88) Benzo(b)fluoranthene	24.20	252	429208m	20.79 ng/ul	
89) Benzo(k)fluoranthene	24.27	252	406672	20.63 ng/ul	99
91) Benzo(a)pyrene	25.12	252	391412	20.46 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	29.17	276	441767m	20.46 ng/ul	
93) Dibenzo(a,h)anthracene	29.24	278	366540	20.46 ng/ul#	94
94) Benzo(g,h,i)perylene	30.39	276	367990m	20.61 ng/ul	

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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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