Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019307.D
Acq On : 22 Oct 2015 8:06
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Manual Integrations APPROVED
MMdadoda
10/22/2015 4:56:02 PM

Quant Time: Oct 22 11:01:56 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 21 01:23:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	28253	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	128803	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	92056	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.39	188	203912	20.00	ng/ul	0.01
78) Chrysene-d12	21.65	240	223891	20.00	ng/ul	0.01
86) Perylene-d12	24.86	264	231905	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	2959	5.83	ng/uL	0.00
5) Phenol-d5	7.19	99	47342	19.20	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.32	67	26903	16.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	36204	20.15	ng/ul	0.01
13) 4-Methylphenol-d8	8.73	113	39685	19.00	ng/ul	0.02
19) Nitrobenzene-d5	9.16	128	18348	18.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	23145	21.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.45	165	45827	21.97	ng/ul	0.02
29) 4-Chloroaniline-d4	10.95	131	55325	20.59	ng/ul	0.01
44) Dimethylphthalate-d6	14.04	166	147780	18.36	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	172662	19.84	ng/ul	0.01
52) 4-Nitrophenol-d4	14.88	143	25705	17.76	ng/ul	0.04
58) Fluorene-d10	15.63	176	129285	18.79	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.76	200	27756	22.06	ng/ul	0.02
71) Anthracene-d10	17.49	188	190850	19.81	ng/ul	0.02
79) Pyrene-d10	19.77	212	203951	20.08	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.64	264	232259	19.82	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	3330	5.57	ng/uL#	84
4) Benzaldehyde	7.13	77	29508	20.59	ng/ul	97
6) Phenol	7.22	94	48068	18.72	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.41	93	31940	17.54	ng/ul	100
10) 2-Chlorophenol	7.57	128	36751	19.91	ng/ul	99
11) 2-Methylphenol	8.47	108	38783	19.24	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.53	45	56149	13.83	ng/ul#	96
14) Acetophenone	8.82	105	64015	18.15	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.80	70	32533	18.06	ng/ul	97
16) 4-Methylphenol	8.80	108	43342	19.17	ng/ul	96
17) Hexachloroethane	9.08	117	16352	20.58	ng/ul	95
20) Nitrobenzene	9.21	77	51098	18.78	ng/ul#	97
21) Isophorone	9.73	82	94962	17.91	ng/ul#	96
23) 2-Nitrophenol	9.92	139	23330	20.84	ng/ul#	82
24) 2,4-Dimethylphenol	9.99	107	56317	20.77	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.21	93	48518	17.72	ng/ul	99
27) 2,4-Dichlorophenol	10.47	162	46069	21.87	ng/ul	98
28) Naphthalene	10.86	128	128830	19.14	ng/ul	97
30) 4-Chloroaniline	10.97	127	57169	20.65	ng/ul	97
31) Hexachlorobutadiene	11.13	225	33784	21.96	ng/ul	96
32) Caprolactam	11.76	113	15600m	20.00	ng/ul	
33) 4-Chloro-3-methylphenol	12.12	107	56876	21.44	ng/ul	87
34) 2-Methylnaphthalene	12.46	142	103916	19.47	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.68	142	103360	19.78	ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	12.83	216	64639	21.91	ng/ul	97
38) Hexachlorocyclopentadiene	12.80	237	15130	8.62	ng/ul	93
39) 2,4,6-Trichlorophenol	13.08	196	42834	23.34	ng/ul	99
40) 2,4,5-Trichlorophenol	13.17	196	45911	22.74	ng/ul	95
41) 1,1'-Biphenyl	13.47	154	141625	19.71	ng/ul#	95
42) 2-Chloronaphthalene	13.51	162	111320	20.04	ng/ul	94
43) 2-Nitroaniline	13.72	65	42476	19.54	ng/ul	97
45) Dimethylphthalate	14.08	163	147949	18.24	ng/ul	99
46) 2,6-Dinitrotoluene	14.21	165	31721	20.51	ng/ul	90
48) Acenaphthylene	14.36	152	185468	19.32	ng/ul	99
49) 3-Nitroaniline	14.55	138	29019	19.58	ng/ul	84
50) Acenaphthene	14.70	153	125629	19.55	ng/ul	99
51) 2,4-Dinitrophenol	14.76	184	17134	19.36	ng/ul#	82
53) 4-Nitrophenol	14.89	109	29779	18.82	ng/ul#	67
54) Dibenzofuran	15.04	168	172827	19.03	ng/ul	88
55) 2,4-Dinitrotoluene	15.01	165	48067	19.15	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.27	232	45012	23.20	ng/ul	98
57) Diethylphthalate	15.45	149	149520	17.76	ng/ul	98
59) Fluorene	15.68	166	146104	18.79	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.67	204	75539	18.84	ng/ul#	89
61) 4-Nitroaniline	15.72	138	31696	18.05	ng/ul#	70
64) 4,6-Dinitro-2-methylphenol	15.77	198	28256	22.24	ng/ul#	90
65) N-Nitrosodiphenylamine	15.89	169	123202	21.98	ng/ul	98
66) 4-Bromophenyl-phenylether	16.56	248	48594	21.07	ng/ul	93
67) Hexachlorobenzene	16.69	284	53921	20.19	ng/ul	92
68) Atrazine	16.84	200	56501	20.97	ng/ul	99
69) Pentachlorophenol	17.04	266	29480	21.47	ng/ul	95
70) Phenanthrene	17.43	178	220182	19.34	ng/ul	100
72) Anthracene	17.51	178	225242	19.47	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	64524	25.96	ng/uL	96
74) Pentachlorobenzene	14.95	250	62604	23.01	ng/uL	97
75) Carbazole	17.79	167	192321	19.29	ng/ul	96
76) Di-n-butylphthalate	18.34	149	235204	17.91	ng/ul#	97
77) Fluoranthene	19.44	202	254291	17.84	ng/ul#	89
80) Pyrene	19.80	202	261385	19.67	ng/ul#	87
81) Butylbenzylphthalate	20.68	149	99516	20.59	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.55	252	95421	23.33	ng/ul	99
83) Benzo(a)anthracene	21.63	228	266347	21.06	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	148111	22.18	ng/ul	96
85) Chrysene	21.70	228	247536	20.70	ng/ul	99
87) Di-n-octyl phthalate	22.73	149	249823	20.24	ng/ul	100
88) Benzo(b)fluoranthene	23.84	252	273325	20.78	ng/ul#	94
89) Benzo(k)fluoranthene	23.91	252	260490	20.18	ng/ul#	95
91) Benzo(a)pyrene	24.72	252	262723	20.77	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	28.54	276	282310	18.80	ng/ul#	90
93) Dibenzo(a,h)anthracene	28.60	278	241712	18.47	ng/ul#	95
94) Benzo(g,h,i)perylene	29.69	276	227503	18.42	ng/ul#	92

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

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