Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111615\
Data File : BG019657.D
Acq On : 17 Nov 2015 5:30
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02028

Manual Integrations APPROVED
mmdadoda
11/17/2015 5:53:48 PM

Quant Time: Nov 17 06:33:49 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 17 01:14:52 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	19935	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	83549	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	72875	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	204222	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	266499	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	251026	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	3445	7.38	ng/uL	0.00
5) Phenol-d5	7.29	99	38471	18.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	26414	19.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	24299	18.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	30460	18.01	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	12714	18.53	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	14546	18.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	32130	19.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	34751	21.93	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	127487	19.34	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	133927	18.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	20198	19.45	ng/ul	0.00
58) Fluorene-d10	15.77	176	111142	18.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	24881	18.86	ng/ul	0.00
71) Anthracene-d10	17.62	188	195883	19.76	ng/ul	0.00
79) Pyrene-d10	19.89	212	241614	19.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.88	264	256792	19.59	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	4701	8.84	ng/uL#	95
4) Benzaldehyde	7.27	77	32651	21.94	ng/ul	93
6) Phenol	7.32	94	41562	18.85	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.56	93	29610	19.29	ng/ul	99
10) 2-Chlorophenol	7.70	128	23446	18.32	ng/ul	97
11) 2-Methylphenol	8.58	108	29655	18.27	ng/ul	86
12) 2,2'-oxybis(1-Chloropropan	8.68	45	25818	19.26	ng/ul#	92
14) Acetophenone	8.98	105	54029	19.34	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.95	70	35342	18.72	ng/ul	98
16) 4-Methylphenol	8.92	108	33331	18.22	ng/ul	96
17) Hexachloroethane	9.25	117	11979	19.70	ng/ul	85
20) Nitrobenzene	9.37	77	46553	18.84	ng/ul	99
21) Isophorone	9.88	82	95136	19.96	ng/ul	98
23) 2-Nitrophenol	10.08	139	15940	19.08	ng/ul	95
24) 2,4-Dimethylphenol	10.13	107	43820	19.68	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.37	93	45938	19.48	ng/ul	91
27) 2,4-Dichlorophenol	10.62	162	29899	18.81	ng/ul	95
28) Naphthalene	11.03	128	85669	18.98	ng/ul#	96
30) 4-Chloroaniline	11.13	127	36456	22.12	ng/ul	97
31) Hexachlorobutadiene	11.30	225	27249	19.04	ng/ul	98
32) Caprolactam	11.88	113	13396	20.71	ng/ul	93
33) 4-Chloro-3-methylphenol	12.24	107	44196	19.94	ng/ul	93
34) 2-Methylnaphthalene	12.62	142	68669	19.08	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.84	142	71780	20.02	ng/ul	91
37) 1,2,4,5-Tetrachlorobenzene	12.98	216	54336	18.60	ng/ul	95
38) Hexachlorocyclopentadiene	12.96	237	29385	17.27	ng/ul	91
39) 2,4,6-Trichlorophenol	13.22	196	33088	18.57	ng/ul	93
40) 2,4,5-Trichlorophenol	13.30	196	37552	20.14	ng/ul	96
41) 1,1'-Biphenyl	13.62	154	102043	18.83	ng/ul	95
42) 2-Chloronaphthalene	13.67	162	77311	18.35	ng/ul	97
43) 2-Nitroaniline	13.86	65	34137	19.18	ng/ul	98
45) Dimethylphthalate	14.22	163	124505	19.05	ng/ul	99
46) 2,6-Dinitrotoluene	14.35	165	26148	20.00	ng/ul	97
48) Acenaphthylene	14.51	152	135480	19.00	ng/ul	97
49) 3-Nitroaniline	14.68	138	22743	20.88	ng/ul	99
50) Acenaphthene	14.85	153	91013	18.64	ng/ul	97
51) 2,4-Dinitrophenol	14.89	184	15006	17.47	ng/ul	93
53) 4-Nitrophenol	14.98	109	25630	20.25	ng/ul	96
54) Dibenzofuran	15.18	168	136401	19.06	ng/ul	100
55) 2,4-Dinitrotoluene	15.14	165	39762	19.56	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	15.40	232	39004	19.73	ng/ul	96
57) Diethylphthalate	15.58	149	123982	18.99	ng/ul	98
59) Fluorene	15.82	166	118920	19.01	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.81	204	66810	18.36	ng/ul	97
61) 4-Nitroaniline	15.84	138	27027	20.61	ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.90	198	27036	19.30	ng/ul	97
65) N-Nitrosodiphenylamine	16.02	169	108723	19.76	ng/ul	95
66) 4-Bromophenyl-phenylether	16.70	248	47625	19.39	ng/ul	95
67) Hexachlorobenzene	16.83	284	49500	19.12	ng/ul	95
68) Atrazine	16.96	200	52000	20.26	ng/ul	99
69) Pentachlorophenol	17.17	266	28020	19.33	ng/ul	86
70) Phenanthrene	17.56	178	216327	19.79	ng/ul	97
72) Anthracene	17.66	178	216753	19.67	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.59	216	54577	19.36	ng/uL	98
74) Pentachlorobenzene	15.09	250	58099	19.75	ng/uL	95
75) Carbazole	17.92	167	185221	20.93	ng/ul	99
76) Di-n-butylphthalate	18.46	149	226981	19.77	ng/ul	100
77) Fluoranthene	19.57	202	297003	21.32	ng/ul	99
80) Pyrene	19.92	202	308088	19.79	ng/ul	97
81) Butylbenzylphthalate	20.79	149	102032	19.92	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.68	252	101890	20.90	ng/ul	99
83) Benzo(a)anthracene	21.77	228	316318	19.58	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	147062	19.59	ng/ul	98
85) Chrysene	21.84	228	299969	19.72	ng/ul	97
87) Di-n-octyl phthalate	22.90	149	253684	20.81	ng/ul	100
88) Benzo(b)fluoranthene	24.05	252	306265	19.80	ng/ul	100
89) Benzo(k)fluoranthene	24.12	252	292766	19.62	ng/ul	99
91) Benzo(a)pyrene	24.95	252	292198	19.62	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.91	276	330604	19.84	ng/ul#	91
93) Dibenzo(a,h)anthracene	28.97	278	270662	19.76	ng/ul#	95
94) Benzo(g,h,i)perylene	30.09	276	274480m	19.85	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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