Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112015\
Data File : BG019723.D
Acq On : 20 Nov 2015 17:21
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02004

Manual Integrations APPROVED
Mmdadoda
11/22/2015 5:51:13 AM

Quant Time: Nov 22 04:35:24 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 21 01:06:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	23903	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	91891	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.76	164	70870	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.50	188	195060	20.00	ng/ul	0.00
78) Chrysene-d12	21.77	240	259316	20.00	ng/ul	0.00
86) Perylene-d12	25.08	264	252709	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	5200m	9.29	ng/uL	0.00
5) Phenol-d5	7.27	99	47768	19.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	29399	18.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	31475	20.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	38017	18.75	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	15595	20.67	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	17437	20.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	38452	20.94	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	31822	18.26	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	129044	20.13	ng/ul	0.00
47) Acenaphthylene-d8	14.46	160	138838	19.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.95	143	19991	19.80	ng/ul	0.00
58) Fluorene-d10	15.75	176	116531	20.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.86	200	24382	19.35	ng/ul	0.00
71) Anthracene-d10	17.60	188	196489	20.75	ng/ul	0.00
79) Pyrene-d10	19.88	212	243411	20.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.84	264	274145	20.78	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	5906	9.26	ng/uL	90
4) Benzaldehyde	7.24	77	35569	19.93	ng/ul	87
6) Phenol	7.30	94	50635	19.15	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.53	93	36257	19.70	ng/ul	97
10) 2-Chlorophenol	7.67	128	30535	19.90	ng/ul	89
11) 2-Methylphenol	8.56	108	36092	18.54	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.65	45	29209	18.18	ng/ul	95
14) Acetophenone	8.95	105	62155	18.56	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.93	70	37336	16.50	ng/ul#	97
16) 4-Methylphenol	8.89	108	38916	17.74	ng/ul	98
17) Hexachloroethane	9.21	117	14529	19.93	ng/ul	97
20) Nitrobenzene	9.34	77	53048	19.52	ng/ul	94
21) Isophorone	9.85	82	102156	19.49	ng/ul	97
23) 2-Nitrophenol	10.05	139	18916	20.58	ng/ul	93
24) 2,4-Dimethylphenol	10.11	107	49317	20.14	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.34	93	50911	19.63	ng/ul	98
27) 2,4-Dichlorophenol	10.59	162	36105	20.65	ng/ul#	88
28) Naphthalene	11.00	128	99873	20.12	ng/ul	96
30) 4-Chloroaniline	11.10	127	32701	18.04	ng/ul#	84
31) Hexachlorobutadiene	11.28	225	36088	22.93	ng/ul	96
32) Caprolactam	11.86	113	14211m	19.98	ng/ul	
33) 4-Chloro-3-methylphenol	12.22	107	47220	19.37	ng/ul	94
34) 2-Methylnaphthalene	12.60	142	75243	19.01	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.81	142	76113	19.30	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.96	216	62070	21.85	ng/ul	96
38) Hexachlorocyclopentadiene	12.94	237	34673	20.95	ng/ul	96
39) 2,4,6-Trichlorophenol	13.20	196	38283	22.09	ng/ul	93
40) 2,4,5-Trichlorophenol	13.27	196	42132	23.24	ng/ul	92
41) 1,1'-Biphenyl	13.60	154	110353	20.94	ng/ul	97
42) 2-Chloronaphthalene	13.64	162	84768	20.69	ng/ul	96
43) 2-Nitroaniline	13.84	65	33218	19.19	ng/ul	92
45) Dimethylphthalate	14.20	163	131310	20.66	ng/ul	99
46) 2,6-Dinitrotoluene	14.33	165	26849	21.12	ng/ul	96
48) Acenaphthylene	14.48	152	140388	20.25	ng/ul	97
49) 3-Nitroaniline	14.66	138	20673	19.51	ng/ul	91
50) Acenaphthene	14.82	153	96361	20.30	ng/ul	98
51) 2,4-Dinitrophenol	14.87	184	13128	15.71	ng/ul	93
53) 4-Nitrophenol	14.97	109	24557	19.95	ng/ul	98
54) Dibenzofuran	15.16	168	142604	20.49	ng/ul	96
55) 2,4-Dinitrotoluene	15.12	165	41192	20.83	ng/ul#	80
56) 2,3,4,6-Tetrachlorophenol	15.38	232	42794	22.26	ng/ul	97
57) Diethylphthalate	15.56	149	127031	20.01	ng/ul	97
59) Fluorene	15.81	166	122668	20.16	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.79	204	71994	20.34	ng/ul	92
61) 4-Nitroaniline	15.82	138	27185	21.32	ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.88	198	26268	19.63	ng/ul	96
65) N-Nitrosodiphenylamine	16.01	169	108889	20.72	ng/ul	97
66) 4-Bromophenyl-phenylether	16.69	248	50080	21.35	ng/ul	97
67) Hexachlorobenzene	16.81	284	53001	21.43	ng/ul	94
68) Atrazine	16.95	200	55971	22.83	ng/ul	98
69) Pentachlorophenol	17.15	266	32925	23.79	ng/ul#	87
70) Phenanthrene	17.54	178	214728	20.57	ng/ul	99
72) Anthracene	17.64	178	217909	20.70	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.57	216	64921	24.11	ng/uL	92
74) Pentachlorobenzene	15.08	250	61634	21.94	ng/uL	94
75) Carbazole	17.90	167	184208	21.79	ng/ul	98
76) Di-n-butylphthalate	18.44	149	225367	20.56	ng/ul	99
77) Fluoranthene	19.55	202	292855	22.01	ng/ul	99
80) Pyrene	19.91	202	308045	20.34	ng/ul#	96
81) Butylbenzylphthalate	20.78	149	103790	20.83	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.66	252	95226	20.08	ng/ul	95
83) Benzo(a)anthracene	21.75	228	324204	20.63	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	149815	20.51	ng/ul#	99
85) Chrysene	21.82	228	298575	20.18	ng/ul	98
87) Di-n-octyl phthalate	22.87	149	254902	20.77	ng/ul	100
88) Benzo(b)fluoranthene	24.02	252	310665	19.95	ng/ul	98
89) Benzo(k)fluoranthene	24.09	252	299630	19.95	ng/ul	100
91) Benzo(a)pyrene	24.92	252	298029	19.88	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.86	276	329747	19.66	ng/ul#	94
93) Dibenzo(a,h)anthracene	28.93	278	272357	19.75	ng/ul	97
94) Benzo(g,h,i)perylene	30.04	276	271957	19.54	ng/ul	97

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

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