Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG031716\
Data File : BG021432.D
Acq On : 17 Mar 2016 14:27
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02007

Manual Integrations APPROVED
UMANGI
3/18/2016 11:58:43 AM

Quant Time: Mar 18 04:01:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 16 16:06:35 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	9390	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	45497	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	29419	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	71452	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	84310	20.00	ng/ul	0.00
86) Perylene-d12	24.93	264	80144	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	1666	7.96	ng/uL	0.00
5) Phenol-d5	7.33	99	16895	19.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	10039	19.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	12967	19.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	16438	21.62	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	6696	19.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	7595	19.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	13725	19.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	19424	21.30	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	48650	19.86	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	60799	20.14	ng/ul	0.00
52) 4-Nitrophenol-d4	15.06	143	6531	16.68	ng/ul	0.00
58) Fluorene-d10	15.69	176	43890	19.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	8665	18.36	ng/ul	0.00
71) Anthracene-d10	17.54	188	68218	19.48	ng/ul	0.00
79) Pyrene-d10	19.81	212	74845	19.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.71	264	72850	19.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	2328	8.24	ng/uL	94
4) Benzaldehyde	7.23	77	10681	19.75	ng/ul	90
6) Phenol	7.36	94	17792	18.96	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.50	93	13452	19.80	ng/ul	89
10) 2-Chlorophenol	7.68	128	12999	18.76	ng/ul	94
11) 2-Methylphenol	8.59	108	13716	18.99	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.61	45	15235	18.59	ng/ul#	78
14) Acetophenone	8.91	105	24241	19.54	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.88	70	13732	19.97	ng/ul#	94
16) 4-Methylphenol	8.92	108	15958	19.48	ng/ul	98
17) Hexachloroethane	9.17	117	5839	20.08	ng/ul	95
20) Nitrobenzene	9.30	77	19183	19.90	ng/ul#	90
21) Isophorone	9.81	82	36027	19.38	ng/ul#	96
23) 2-Nitrophenol	10.01	139	8450	19.62	ng/ul	92
24) 2,4-Dimethylphenol	10.09	107	18806	19.35	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.29	93	19093	19.72	ng/ul	97
27) 2,4-Dichlorophenol	10.60	162	14341	19.80	ng/ul	96
28) Naphthalene	10.94	128	47813	19.82	ng/ul	98
30) 4-Chloroaniline	11.06	127	19795	20.68	ng/ul	95
31) Hexachlorobutadiene	11.22	225	10552	19.78	ng/ul	96
32) Caprolactam	11.80	113	5439m	19.99	ng/ul	
33) 4-Chloro-3-methylphenol	12.24	107	18024	20.38	ng/ul	94
34) 2-Methylnaphthalene	12.54	142	36198	20.22	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.76	142	34513	19.87	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	20968	20.36	ng/ul#	95
38) Hexachlorocyclopentadiene	12.87	237	5856	15.53	ng/ul#	93
39) 2,4,6-Trichlorophenol	13.16	196	12497	20.64	ng/ul	99
40) 2,4,5-Trichlorophenol	13.31	196	13524	20.47	ng/ul	91
41) 1,1'-Biphenyl	13.54	154	48607	20.20	ng/ul#	94
42) 2-Chloronaphthalene	13.58	162	37198	19.76	ng/ul	97
43) 2-Nitroaniline	13.80	65	13011	19.82	ng/ul#	90
45) Dimethylphthalate	14.15	163	51297	20.15	ng/ul	98
46) 2,6-Dinitrotoluene	14.28	165	10439	20.10	ng/ul	93
48) Acenaphthylene	14.42	152	60735	20.30	ng/ul	96
49) 3-Nitroaniline	14.62	138	10007	20.83	ng/ul	92
50) Acenaphthene	14.76	153	41794	20.25	ng/ul	98
51) 2,4-Dinitrophenol	14.82	184	4076	15.58	ng/ul	83
53) 4-Nitrophenol	15.08	109	7555	18.60	ng/ul#	55
54) Dibenzofuran	15.09	168	58567	20.26	ng/ul	95
55) 2,4-Dinitrotoluene	15.06	165	15433	20.27	ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	15.34	232	10081	20.87	ng/ul	93
57) Diethylphthalate	15.50	149	53008	19.49	ng/ul	98
59) Fluorene	15.74	166	50022	19.79	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.73	204	26166	19.71	ng/ul	97
61) 4-Nitroaniline	15.78	138	9529	18.92	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.82	198	8832	17.72	ng/ul	96
65) N-Nitrosodiphenylamine	15.95	169	43548	19.67	ng/ul	99
66) 4-Bromophenyl-phenylether	16.62	248	16585	19.87	ng/ul	88
67) Hexachlorobenzene	16.74	284	17963	20.40	ng/ul#	90
68) Atrazine	16.89	200	17334	19.42	ng/ul	97
69) Pentachlorophenol	17.11	266	3486	14.97	ng/ul	94
70) Phenanthrene	17.48	178	78487	19.40	ng/ul	98
72) Anthracene	17.57	178	80310	19.51	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	20823	20.81	ng/uL	88
74) Pentachlorobenzene	15.01	250	20527	19.76	ng/uL	92
75) Carbazole	17.84	167	67770	19.03	ng/ul	99
76) Di-n-butylphthalate	18.38	149	86547	18.83	ng/ul	99
77) Fluoranthene	19.48	202	94091	19.27	ng/ul#	94
80) Pyrene	19.84	202	97041	19.32	ng/ul	94
81) Butylbenzylphthalate	20.71	149	41038	19.34	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.59	252	36342	20.78	ng/ul	98
83) Benzo(a)anthracene	21.67	228	100769	19.80	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.56	149	60231	19.41	ng/ul	98
85) Chrysene	21.75	228	94579	19.62	ng/ul	100
87) Di-n-octyl phthalate	22.77	149	103265	18.98	ng/ul	100
88) Benzo(b)fluoranthene	23.90	252	103266	20.06	ng/ul	99
89) Benzo(k)fluoranthene	23.97	252	97290m	19.24	ng/ul	
91) Benzo(a)pyrene	24.78	252	98036	19.62	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	28.61	276	113155	19.92	ng/ul	96
93) Dibenzo(a,h)anthracene	28.67	278	96197	19.91	ng/ul	96
94) Benzo(g,h,i)perylene	29.77	276	92032m	19.70	ng/ul	

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

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