Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032916\
Data File : BG021548.D
Acq On : 29 Mar 2016 11:15
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Manual Integrations APPROVED
Sohil
3/30/2016 7:10:34 PM

Quant Time: Mar 30 01:11:50 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 29 02:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	9978	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	47250	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	29300	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	74703	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	87114	20.00	ng/ul	0.00
86) Perylene-d12	24.88	264	84010	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	1717	7.72	ng/uL	0.00
5) Phenol-d5	7.33	99	16794	17.80	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.37	67	10813	19.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	13542	18.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	16574	20.51	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	7053	19.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	7554	18.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	14126	19.50	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	18504	19.54	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	48259	19.78	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	59247	19.70	ng/ul	0.00
52) 4-Nitrophenol-d4	15.08	143	6005	15.40	ng/ul	0.00
58) Fluorene-d10	15.66	176	42648	19.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	9241	18.72	ng/ul	0.00
71) Anthracene-d10	17.51	188	68616	18.74	ng/ul	0.00
79) Pyrene-d10	19.79	212	80112	19.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.65	264	72342	18.66	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	2501	8.33	ng/uL#	81
4) Benzaldehyde	7.19	77	11776	20.49	ng/ul	97
6) Phenol	7.36	94	17645	17.69	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.47	93	13308	18.43	ng/ul	92
10) 2-Chlorophenol	7.65	128	14225	19.32	ng/ul	89
11) 2-Methylphenol	8.57	108	13893	18.10	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.58	45	15211	17.47	ng/ul#	1
14) Acetophenone	8.88	105	24116	18.29	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.85	70	14108	19.30	ng/ul	97
16) 4-Methylphenol	8.91	108	15076	17.32	ng/ul#	76
17) Hexachloroethane	9.13	117	5651	18.29	ng/ul	91
20) Nitrobenzene	9.26	77	19916	19.89	ng/ul	98
21) Isophorone	9.78	82	37096	19.22	ng/ul	98
23) 2-Nitrophenol	9.98	139	8566	19.15	ng/ul	90
24) 2,4-Dimethylphenol	10.08	107	19022	18.84	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.26	93	18854	18.75	ng/ul	95
27) 2,4-Dichlorophenol	10.59	162	14302	19.01	ng/ul	95
28) Naphthalene	10.91	128	47100	18.80	ng/ul	99
30) 4-Chloroaniline	11.03	127	19420	19.54	ng/ul#	88
31) Hexachlorobutadiene	11.18	225	10307	18.61	ng/ul	98
32) Caprolactam	11.79	113	5602m	19.83	ng/ul	
33) 4-Chloro-3-methylphenol	12.24	107	16907	18.41	ng/ul#	86
34) 2-Methylnaphthalene	12.51	142	34610	18.62	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.73	142	33996	18.85	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	19866	19.37	ng/ul#	92
38) Hexachlorocyclopentadiene	12.84	237	4896	13.03	ng/ul	88
39) 2,4,6-Trichlorophenol	13.14	196	12389	20.55	ng/ul#	95
40) 2,4,5-Trichlorophenol	13.30	196	13260	20.15	ng/ul	96
41) 1,1'-Biphenyl	13.51	154	47461	19.80	ng/ul	92
42) 2-Chloronaphthalene	13.55	162	37046	19.76	ng/ul	94
43) 2-Nitroaniline	13.77	65	13079	20.00	ng/ul#	86
45) Dimethylphthalate	14.12	163	49677	19.60	ng/ul	97
46) 2,6-Dinitrotoluene	14.25	165	10869	21.01	ng/ul	93
48) Acenaphthylene	14.39	152	58770	19.72	ng/ul	99
49) 3-Nitroaniline	14.59	138	9554	19.96	ng/ul	90
50) Acenaphthene	14.73	153	40716	19.81	ng/ul	98
51) 2,4-Dinitrophenol	14.81	184	4587	17.60	ng/ul#	74
53) 4-Nitrophenol	15.10	109	7111	17.58	ng/ul	87
54) Dibenzofuran	15.07	168	56273	19.55	ng/ul	98
55) 2,4-Dinitrotoluene	15.04	165	15810	20.85	ng/ul	88
56) 2,3,4,6-Tetrachlorophenol	15.32	232	9227	19.18	ng/ul#	95
57) Diethylphthalate	15.48	149	53822	19.87	ng/ul	99
59) Fluorene	15.72	166	48793	19.38	ng/ul	93
60) 4-Chlorophenyl-phenylether	15.70	204	25608	19.37	ng/ul	99
61) 4-Nitroaniline	15.76	138	9883	19.71	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.80	198	9569	18.36	ng/ul#	97
65) N-Nitrosodiphenylamine	15.92	169	44705	19.32	ng/ul	97
66) 4-Bromophenyl-phenylether	16.60	248	16570	18.99	ng/ul#	87
67) Hexachlorobenzene	16.71	284	17553	19.07	ng/ul	96
68) Atrazine	16.86	200	18432	19.75	ng/ul	97
69) Pentachlorophenol	17.09	266	4131	16.97	ng/ul#	83
70) Phenanthrene	17.46	178	81069	19.16	ng/ul	98
72) Anthracene	17.54	178	82887	19.26	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	19828	18.96	ng/uL	93
74) Pentachlorobenzene	14.99	250	20495	18.87	ng/uL	94
75) Carbazole	17.82	167	71003	19.07	ng/ul	97
76) Di-n-butylphthalate	18.35	149	93703	19.50	ng/ul	99
77) Fluoranthene	19.45	202	99298	19.45	ng/ul#	92
80) Pyrene	19.82	202	102555	19.76	ng/ul#	94
81) Butylbenzylphthalate	20.69	149	41690	19.02	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.56	252	35298	19.54	ng/ul#	98
83) Benzo(a)anthracene	21.64	228	99375	18.90	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	61281	19.11	ng/ul	93
85) Chrysene	21.71	228	95503	19.18	ng/ul	99
87) Di-n-octyl phthalate	22.73	149	106208	18.62	ng/ul	100
88) Benzo(b)fluoranthene	23.85	252	102055	18.91	ng/ul	98
89) Benzo(k)fluoranthene	23.92	252	96764	18.25	ng/ul	98
91) Benzo(a)pyrene	24.72	252	97922	18.69	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	28.54	276	107372	18.03	ng/ul#	95
93) Dibenzo(a,h)anthracene	28.58	278	90265	17.82	ng/ul	97
94) Benzo(g,h,i)perylene	29.68	276	91706m	18.73	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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