Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032516\
Data File : BG021520.D
Acq On : 25 Mar 2016 19:13
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02020

Manual Integrations APPROVED
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3/28/2016 7:31:33 PM

Quant Time: Mar 26 01:26:06 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 25 23:28:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	9433	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	44188	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	28274	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	65119	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	74828	20.00	ng/ul	0.00
86) Perylene-d12	24.90	264	72555	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	1637	7.79	ng/uL	0.00
5) Phenol-d5	7.34	99	16373	18.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	10224	19.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	12601	18.61	ng/ul	0.01
13) 4-Methylphenol-d8	8.85	113	15242	19.95	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	6747	20.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	7693	20.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	13717	20.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	17731	20.02	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	43027	18.28	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	54566	18.80	ng/ul	0.00
52) 4-Nitrophenol-d4	15.09	143	4915	13.06	ng/ul	0.02
58) Fluorene-d10	15.66	176	39071	18.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	7520	17.48	ng/ul	0.00
71) Anthracene-d10	17.52	188	60346	18.91	ng/ul	0.00
79) Pyrene-d10	19.80	212	67773	19.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.67	264	62569	18.68	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	2436	8.58	ng/uL	96
4) Benzaldehyde	7.20	77	10546	19.41	ng/ul	89
6) Phenol	7.37	94	17197	18.24	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.48	93	12301	18.02	ng/ul	89
10) 2-Chlorophenol	7.67	128	13520	19.42	ng/ul#	87
11) 2-Methylphenol	8.59	108	13217	18.22	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.59	45	14738	17.90	ng/ul#	1
14) Acetophenone	8.88	105	22035	17.68	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.87	70	12593	18.23	ng/ul#	96
16) 4-Methylphenol	8.91	108	14813	18.00	ng/ul	84
17) Hexachloroethane	9.14	117	5761	19.72	ng/ul	99
20) Nitrobenzene	9.27	77	18637	19.90	ng/ul	97
21) Isophorone	9.79	82	34091	18.89	ng/ul	98
23) 2-Nitrophenol	9.99	139	8661	20.70	ng/ul	89
24) 2,4-Dimethylphenol	10.09	107	18665	19.77	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.27	93	17165	18.26	ng/ul#	96
27) 2,4-Dichlorophenol	10.59	162	13837	19.67	ng/ul	97
28) Naphthalene	10.92	128	44422	18.96	ng/ul	99
30) 4-Chloroaniline	11.03	127	18829	20.26	ng/ul	98
31) Hexachlorobutadiene	11.19	225	10500	20.27	ng/ul	98
32) Caprolactam	11.79	113	4868	18.43	ng/ul#	62
33) 4-Chloro-3-methylphenol	12.25	107	16752	19.50	ng/ul	98
34) 2-Methylnaphthalene	12.52	142	32991	18.97	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.73	142	31888	18.90	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.88	216	18909	19.11	ng/ul	97
38) Hexachlorocyclopentadiene	12.85	237	3718	10.26	ng/ul#	87
39) 2,4,6-Trichlorophenol	13.15	196	12163	20.90	ng/ul	93
40) 2,4,5-Trichlorophenol	13.31	196	12808	20.17	ng/ul	97
41) 1,1'-Biphenyl	13.51	154	43961	19.01	ng/ul	93
42) 2-Chloronaphthalene	13.56	162	34440	19.04	ng/ul	99
43) 2-Nitroaniline	13.78	65	12091	19.16	ng/ul#	88
45) Dimethylphthalate	14.13	163	45202	18.48	ng/ul	97
46) 2,6-Dinitrotoluene	14.26	165	9416	18.86	ng/ul	87
48) Acenaphthylene	14.41	152	56204	19.55	ng/ul	97
49) 3-Nitroaniline	14.60	138	9501	20.57	ng/ul	85
50) Acenaphthene	14.74	153	37223	18.77	ng/ul	97
51) 2,4-Dinitrophenol	14.81	184	4192	16.67	ng/ul#	84
53) 4-Nitrophenol	15.10	109	6140	15.73	ng/ul	88
54) Dibenzofuran	15.08	168	52299	18.82	ng/ul	96
55) 2,4-Dinitrotoluene	15.05	165	13899	18.99	ng/ul#	86
56) 2,3,4,6-Tetrachlorophenol	15.33	232	8914	19.20	ng/ul#	86
57) Diethylphthalate	15.48	149	47442	18.15	ng/ul	98
59) Fluorene	15.72	166	43798	18.03	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.71	204	23531	18.45	ng/ul	95
61) 4-Nitroaniline	15.76	138	9179	18.97	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.81	198	7802	17.17	ng/ul#	93
65) N-Nitrosodiphenylamine	15.93	169	39236	19.45	ng/ul	98
66) 4-Bromophenyl-phenylether	16.60	248	14156	18.61	ng/ul	90
67) Hexachlorobenzene	16.72	284	14988	18.68	ng/ul	95
68) Atrazine	16.87	200	15620	19.20	ng/ul	95
69) Pentachlorophenol	17.09	266	3155	14.87	ng/ul	88
70) Phenanthrene	17.46	178	69307	18.79	ng/ul	99
72) Anthracene	17.55	178	70767	18.86	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	19039	20.88	ng/uL	89
74) Pentachlorobenzene	14.99	250	18945	20.02	ng/uL	94
75) Carbazole	17.83	167	59700	18.39	ng/ul	97
76) Di-n-butylphthalate	18.36	149	78600	18.77	ng/ul	99
77) Fluoranthene	19.46	202	81725	18.36	ng/ul	96
80) Pyrene	19.82	202	84496	18.95	ng/ul#	93
81) Butylbenzylphthalate	20.69	149	36280	19.27	ng/ul	90
82) 3,3'-Dichlorobenzidine	21.57	252	31286	20.16	ng/ul	97
83) Benzo(a)anthracene	21.66	228	87003	19.26	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	53931	19.58	ng/ul	98
85) Chrysene	21.72	228	80531	18.82	ng/ul	98
87) Di-n-octyl phthalate	22.74	149	94855	19.26	ng/ul	100
88) Benzo(b)fluoranthene	23.87	252	86792m	18.62	ng/ul	
89) Benzo(k)fluoranthene	23.94	252	84773	18.52	ng/ul	96
91) Benzo(a)pyrene	24.74	252	85190	18.83	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.56	276	98227	19.10	ng/ul	94
93) Dibenzo(a,h)anthracene	28.62	278	82552	18.87	ng/ul#	92
94) Benzo(g,h,i)perylene	29.71	276	79407	18.78	ng/ul	96

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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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