Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080516\
Data File : BG023479.D
Acq On : 5 Aug 2016 9:06
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02010

Manual Integrations APPROVED
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8/8/2016 6:55:55 PM

Quant Time: Aug 05 23:12:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 04 17:27:34 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	117927	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	540122	20.00	ng/ul	-0.03
35) Acenaphthene-d10	14.78	164	381685	20.00	ng/ul	-0.03
61) Phenanthrene-d10	17.54	188	953714	20.00	ng/ul	-0.03
75) Chrysene-d12	21.86	240	977756	20.00	ng/ul	-0.04
83) Perylene-d12	25.24	264	941826	20.00	ng/ul	-0.07
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	19643	7.08	ng/uL	-0.02
5) Phenol-d5	7.27	99	239031	20.12	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	159368m	20.94	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	163110	20.13	ng/ul	-0.03
13) 4-Methylphenol-d8	8.83	113	189840	20.47	ng/ul	-0.02
19) Nitrobenzene-d5	9.29	128	89153	20.94	ng/ul	-0.03
22) 2-Nitrophenol-d4	10.02	143	100584	20.57	ng/ul	-0.03
26) 2,4-Dichlorophenol-d3	10.57	165	191883	20.80	ng/ul	-0.03
29) 4-Chloroaniline-d4	11.09	131	244357	22.58	ng/ul	-0.03
43) Dimethylphthalate-d6	14.18	166	655204	20.97	ng/ul	-0.03
46) Acenaphthylene-d8	14.47	160	765692	21.77	ng/ul	-0.03
51) 4-Nitrophenol-d4	14.99	143	106973	20.05	ng/ul	-0.02
57) Fluorene-d10	15.77	176	604687	20.94	ng/ul	-0.03
62) 4,6-Dinitro-2-methylphenol	15.90	200	126754	20.72	ng/ul	-0.02
70) Anthracene-d10	17.64	188	932922	21.71	ng/ul	-0.03
76) Pyrene-d10	19.93	212	1059668	21.41	ng/ul	-0.03
87) Benzo(a)pyrene-d12	25.00	264	910665	21.36	ng/ul	-0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	21977	7.55	ng/uL	89
4) Benzaldehyde	7.25	77	154981	21.40	ng/ul	85
6) Phenol	7.30	94	252472	20.41	ng/ul#	75
8) Bis(2-Chloroethyl)ether	7.53	93	185581	20.66	ng/ul#	88
10) 2-Chlorophenol	7.68	128	168683	20.44	ng/ul#	85
11) 2-Methylphenol	8.57	108	183876	19.74	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.65	45	258162	21.01	ng/ul	99
14) Acetophenone	8.95	105	313758	21.09	ng/ul#	80
15) N-Nitroso-di-n-propylamine	8.92	70	185557	20.74	ng/ul#	80
16) 4-Methylphenol	8.89	108	203195	19.46	ng/ul	93
17) Hexachloroethane	9.21	117	72516	20.36	ng/ul#	88
20) Nitrobenzene	9.33	77	259012	20.75	ng/ul#	80
21) Isophorone	9.86	82	492932	21.48	ng/ul#	91
23) 2-Nitrophenol	10.05	139	112375	21.29	ng/ul#	62
24) 2,4-Dimethylphenol	10.11	107	243924	21.06	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.34	93	285797	21.59	ng/ul#	96
27) 2,4-Dichlorophenol	10.59	162	188765	20.29	ng/ul	98
28) Naphthalene	11.00	128	581734	21.21	ng/ul	99
30) 4-Chloroaniline	11.11	127	241623	22.50	ng/ul	96
31) Hexachlorobutadiene	11.28	225	132651	21.41	ng/ul	97
32) Caprolactam	11.87	113	74652	19.33	ng/ul#	48
33) 4-Chloro-3-methylphenol	12.24	107	244078	20.39	ng/ul#	78
34) 2-Methylnaphthalene	12.61	142	470324	21.15	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	263180	22.46	ng/ul	97
37) Hexachlorocyclopentadiene	12.95	237	138716	21.40	ng/ul	95
38) 2,4,6-Trichlorophenol	13.21	196	178754	22.02	ng/ul	95
39) 2,4,5-Trichlorophenol	13.29	196	188212	21.63	ng/ul	97
40) 1,1'-Biphenyl	13.61	154	625645	22.31	ng/ul	98
41) 2-Chloronaphthalene	13.66	162	478442	21.94	ng/ul	95
42) 2-Nitroaniline	13.86	65	195160	21.91	ng/ul#	65
44) Dimethylphthalate	14.22	163	665341	21.50	ng/ul	98
45) 2,6-Dinitrotoluene	14.35	165	139492	20.79	ng/ul#	81
47) Acenaphthylene	14.50	152	796966	21.67	ng/ul	99
48) 3-Nitroaniline	14.69	138	134522	21.33	ng/ul#	63
49) Acenaphthene	14.85	153	534323	21.32	ng/ul	98
50) 2,4-Dinitrophenol	14.90	184	80506	19.45	ng/ul#	81
52) 4-Nitrophenol	15.00	109	110317	20.65	ng/ul#	72
53) Dibenzofuran	15.18	168	799113	21.52	ng/ul	89
54) 2,4-Dinitrotoluene	15.14	165	217459	21.39	ng/ul#	73
55) 2,3,4,6-Tetrachlorophenol	15.41	232	182623	20.43	ng/ul	96
56) Diethylphthalate	15.59	149	676744	20.92	ng/ul	96
58) Fluorene	15.83	166	638564	20.64	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.81	204	324029	20.82	ng/ul	96
60) 4-Nitroaniline	15.86	138	159083m	21.75	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.91	198	140313	21.85	ng/ul#	88
64) N-Nitrosodiphenylamine	16.04	169	585054	21.95	ng/ul	96
65) 4-Bromophenyl-phenylether	16.72	248	227909	20.84	ng/ul	97
66) Hexachlorobenzene	16.84	284	250124	21.47	ng/ul	97
67) Atrazine	16.98	200	241972	21.98	ng/ul	99
68) Pentachlorophenol	17.19	266	131679	20.48	ng/ul	90
69) Phenanthrene	17.58	178	1082635	21.92	ng/ul	99
71) Anthracene	17.68	178	1110909	22.04	ng/ul	98
72) Carbazole	17.95	167	973129	23.96	ng/ul	98
73) Di-n-butylphthalate	18.49	149	1169574	22.99	ng/ul#	96
74) Fluoranthene	19.60	202	1281573	25.34	ng/ul#	93
77) Pyrene	19.96	202	1295313	21.43	ng/ul#	93
78) Butylbenzylphthalate	20.84	149	513420	22.15	ng/ul#	88
79) 3,3'-Dichlorobenzidine	21.75	252	384494	22.32	ng/ul#	97
80) Benzo(a)anthracene	21.84	228	1179210	21.42	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.71	149	673084	21.83	ng/ul#	97
82) Chrysene	21.91	228	1081983	21.61	ng/ul	96
84) Di-n-octyl phthalate	22.98	149	1133775	23.83	ng/ul	100
85) Benzo(b)fluoranthene	24.16	252	1172814	21.89	ng/ul#	94
86) Benzo(k)fluoranthene	24.23	252	1104948	20.95	ng/ul#	90
88) Benzo(a)pyrene	25.08	252	1114177m	21.54	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.08	276	1288640m	21.20	ng/ul	
90) Dibenzo(a,h)anthracene	29.16	278	1108040	21.38	ng/ul#	90
91) Benzo(g,h,i)perylene	30.30	276	1072420	21.28	ng/ul#	84

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

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