Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023617.D
Acq On : 11 Aug 2016 7:00
Operator : UM/SJ
Sample : H4384-21MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P002-SS001-1218-01MS

Manual Integrations APPROVED
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Quant Time: Aug 11 08:31:20 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	192302	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	918506	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	640096	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1345952	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1304391	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	1318085	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	15389	3.40	ng/uL	0.00
5) Phenol-d5	7.26	99	414584	21.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	255021	20.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	284287	21.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	316097	20.90	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	162115m	22.39	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	189893	22.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	379781	24.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	344331m	18.71	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	1326856	25.32	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1518281	25.74	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	220804	24.68	ng/ul	0.00
57) Fluorene-d10	15.78	176	1211360	25.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	233187	27.00	ng/ul	0.00
70) Anthracene-d10	17.64	188	1717167	28.32	ng/ul	0.00
76) Pyrene-d10	19.94	212	1810006	27.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	1779426	29.83	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.29	94	455170	22.56	ng/ul#	76
10) 2-Chlorophenol	7.67	128	294465	21.88	ng/ul#	85
15) N-Nitroso-di-n-propylamine	8.92	70	318302	21.81	ng/ul#	90
33) 4-Chloro-3-methylphenol	12.23	107	537329	26.40	ng/ul	85
44) Dimethylphthalate	14.23	163	763302	14.71	ng/ul	98
47) Acenaphthylene	14.51	152	71173	1.15	ng/ul	98
49) Acenaphthene	14.85	153	1115587	26.54	ng/ul	94
52) 4-Nitrophenol	15.01	109	218569m	24.39	ng/ul	
54) 2,4-Dinitrotoluene	15.15	165	452068	26.52	ng/ul#	70
68) Pentachlorophenol	17.20	266	280403	30.91	ng/ul	91
69) Phenanthrene	17.59	178	573375	8.23	ng/ul	99
71) Anthracene	17.69	178	87261m	1.23	ng/ul	
74) Fluoranthene	19.61	202	939892m	13.17	ng/ul	
77) Pyrene	19.97	202	2871715	35.61	ng/ul	98
80) Benzo(a)anthracene	21.85	228	570893m	7.77	ng/ul	
82) Chrysene	21.92	228	620148	9.28	ng/ul#	96
85) Benzo(b)fluoranthene	24.18	252	575717	7.68	ng/ul#	92
86) Benzo(k)fluoranthene	24.24	252	223561m	3.03	ng/ul	
88) Benzo(a)pyrene	25.11	252	507354m	7.01	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.15	276	303058	3.56	ng/ul#	85
91) Benzo(g,h,i)perylene	30.37	276	324508	4.60	ng/ul#	84

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

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