Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018345.D
Acq On : 10 Aug 2015 1:28
Operator : UM/TP
Sample : G3136-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01J6

Manual Integrations APPROVED
MMDadoda
8/10/2015 7:26:43 PM

Quant Time: Aug 10 08:28:59 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 07:50:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	140558	20.00	ng/ul	0.01
18) Naphthalene-d8	10.89	136	733330	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.70	164	451408	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.44	188	910426	20.00	ng/ul	0.02
78) Chrysene-d12	21.72	240	782619	20.00	ng/ul	0.02
86) Perylene-d12	24.98	264	772091	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	4936	1.55	ng/uL	0.00
5) Phenol-d5	7.24	99	139598	10.94	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.40	67	86147	10.90	ng/ul	0.01
9) 2-Chlorophenol-d4	7.61	132	109563	11.21	ng/ul	0.02
13) 4-Methylphenol-d8	8.78	113	101504	9.47	ng/ul	0.02
19) Nitrobenzene-d5	9.24	128	57245	10.01	ng/ul	0.01
22) 2-Nitrophenol-d4	9.96	143	55318	9.50	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.50	165	116312	9.41	ng/ul	0.01
29) 4-Chloroaniline-d4	11.01	131	93018	6.66	ng/ul	0.01
44) Dimethylphthalate-d6	14.10	166	352760	9.29	ng/ul	0.01
47) Acenaphthylene-d8	14.39	160	444872	9.30	ng/ul	0.02
52) 4-Nitrophenol-d4	14.88	143	36243	5.31	ng/ul	0.02
58) Fluorene-d10	15.69	176	296982	8.98	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.80	200	2924	0.65	ng/ul	0.02
71) Anthracene-d10	17.54	188	398198	9.14	ng/ul	0.02
79) Pyrene-d10	19.82	212	388558	9.57	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.75	264	388505	9.48	ng/ul	0.05
Target Compounds						Qvalue
28) Naphthalene	10.93	128	48592	1.25	ng/ul	99
45) Dimethylphthalate	14.15	163	188633	5.04	ng/ul#	98
70) Phenanthrene	17.49	178	293117	5.93	ng/ul	99
72) Anthracene	17.57	178	62165m	1.23	ng/ul	
77) Fluoranthene	19.49	202	672106	12.74	ng/ul	100
80) Pyrene	19.85	202	655100	12.38	ng/ul	99
83) Benzo(a)anthracene	21.70	228	347240	7.16	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.61	149	58264	1.84	ng/ul#	91
85) Chrysene	21.76	228	355816	7.84	ng/ul	99
88) Benzo(b)fluoranthene	23.94	252	519222	10.70	ng/ul#	92
89) Benzo(k)fluoranthene	24.00	252	179058m	3.83	ng/ul	
91) Benzo(a)pyrene	24.82	252	359903	7.80	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	28.69	276	277565	5.20	ng/ul#	92
93) Dibenzo(a,h)anthracene	28.72	278	67262m	1.52	ng/ul	
94) Benzo(g,h,i)perylene	29.84	276	209545m	4.68	ng/ul	

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

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