Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018348.D
Acq On : 10 Aug 2015 3:21
Operator : UM/TP
Sample : G3136-23
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01J7

Manual Integrations APPROVED
MMDadoda
8/10/2015 7:27:10 PM

Quant Time: Aug 10 08:36:30 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	142279	20.00	ng/ul	0.01
18) Naphthalene-d8	10.89	136	659872	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.70	164	389255	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.44	188	792196	20.00	ng/ul	0.02
78) Chrysene-d12	21.72	240	677312	20.00	ng/ul	0.02
86) Perylene-d12	24.98	264	686646	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	5725m	1.78	ng/uL	0.00
5) Phenol-d5	7.23	99	137689	10.66	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.40	67	85154	10.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	108671	10.99	ng/ul	0.01
13) 4-Methylphenol-d8	8.77	113	113649	10.47	ng/ul	0.01
19) Nitrobenzene-d5	9.23	128	53950	10.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	55101	10.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	111233	10.00	ng/ul	0.01
29) 4-Chloroaniline-d4	11.01	131	133113	10.59	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	322981	9.86	ng/ul	0.01
47) Acenaphthylene-d8	14.40	160	356662	8.65	ng/ul	0.02
52) 4-Nitrophenol-d4	14.88	143	28596	4.85	ng/ul	0.02
58) Fluorene-d10	15.69	176	237243	8.32	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.54	188	327696	8.65	ng/ul	0.02
79) Pyrene-d10	19.82	212	322702	9.18	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.75	264	334328	9.17	ng/ul	0.05
Target Compounds						Qvalue
28) Naphthalene	10.93	128	48978	1.40	ng/ul#	85
34) 2-Methylnaphthalene	12.54	142	274363	10.86	ng/ul	98
35) 1-Methylnaphthalene	12.75	142	303570	12.31	ng/ul	97
45) Dimethylphthalate	14.15	163	192105	5.95	ng/ul#	97
48) Acenaphthylene	14.42	152	119915	2.90	ng/ul#	73
50) Acenaphthene	14.77	153	70665	2.44	ng/ul	95
59) Fluorene	15.75	166	101803	3.12	ng/ul#	93
70) Phenanthrene	17.49	178	1029422	23.95	ng/ul	97
72) Anthracene	17.57	178	166161m	3.79	ng/ul	
75) Carbazole	17.84	167	81301	2.12	ng/ul#	78
77) Fluoranthene	19.50	202	2447042m	53.31	ng/ul	
80) Pyrene	19.86	202	2311683	50.48	ng/ul#	93
83) Benzo(a)anthracene	21.70	228	1631729	38.86	ng/ul#	90
85) Chrysene	21.77	228	1615144	41.13	ng/ul	95
88) Benzo(b)fluoranthene	23.95	252	2320007	53.77	ng/ul#	95
89) Benzo(k)fluoranthene	24.01	252	771575m	18.57	ng/ul	
91) Benzo(a)pyrene	24.84	252	1682764	41.02	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.71	276	1120479	23.61	ng/ul	97
93) Dibenzo(a,h)anthracene	28.74	278	294696m	7.47	ng/ul	
94) Benzo(g,h,i)perylene	29.87	276	841458	21.11	ng/ul	97

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

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