Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018344.D
Acq On : 10 Aug 2015 00:50
Operator : UM/TP
Sample : G3065-18RX
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L8RX

Manual Integrations APPROVED
MMDadoda
8/10/2015 7:26:34 PM

Quant Time: Aug 10 08:25:36 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	102754	20.00	ng/ul	0.01
18) Naphthalene-d8	10.89	136	450873	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.70	164	235831	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.45	188	418873	20.00	ng/ul	0.03
78) Chrysene-d12	21.76	240	391715	20.00	ng/ul	0.07
86) Perylene-d12	25.05	264	437936m	20.00	ng/ul	0.13
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	4061	1.75	ng/uL	0.00
5) Phenol-d5	7.24	99	101733	10.91	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.40	67	70590	12.21	ng/ul	0.01
9) 2-Chlorophenol-d4	7.61	132	84979	11.90	ng/ul	0.02
13) 4-Methylphenol-d8	8.78	113	65996	8.42	ng/ul	0.02
19) Nitrobenzene-d5	9.24	128	48190	13.71	ng/ul	0.01
22) 2-Nitrophenol-d4	9.96	143	46637	13.03	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.50	165	92214	12.14	ng/ul	0.01
29) 4-Chloroaniline-d4	11.01	131	32036	3.73	ng/ul	0.01
44) Dimethylphthalate-d6	14.10	166	258446	13.02	ng/ul	0.01
47) Acenaphthylene-d8	14.39	160	343403	13.74	ng/ul	0.02
52) 4-Nitrophenol-d4	14.88	143	30045	8.42	ng/ul	0.02
58) Fluorene-d10	15.69	176	218432	12.64	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.55	188	274279	13.69	ng/ul	0.02
79) Pyrene-d10	19.86	212	253078	12.45	ng/ul	0.05
90) Benzo(a)pyrene-d12	24.82	264	293229m	12.61	ng/ul	0.12
Target Compounds						Qvalue
14) Acetophenone	8.89	105	15800	1.40	ng/ul#	71
28) Naphthalene	10.93	128	64329	2.70	ng/ul	96
34) 2-Methylnaphthalene	12.53	142	32739	1.90	ng/ul	85
35) 1-Methylnaphthalene	12.75	142	24608	1.46	ng/ul#	96
45) Dimethylphthalate	14.15	163	118754	6.07	ng/ul#	82
50) Acenaphthene	14.76	153	65630	3.73	ng/ul	94
54) Dibenzofuran	15.09	168	40836	1.78	ng/ul#	71
59) Fluorene	15.75	166	86955	4.40	ng/ul#	90
70) Phenanthrene	17.50	178	649965	28.60	ng/ul#	92
72) Anthracene	17.58	178	152539	6.59	ng/ul#	75
77) Fluoranthene	19.52	202	966692	39.83	ng/ul	99
80) Pyrene	19.89	202	1110992	41.95	ng/ul	99
83) Benzo(a)anthracene	21.74	228	432388	17.80	ng/ul#	79
84) Bis(2-ethylhexyl)phthalate	21.64	149	183833	11.61	ng/ul#	77
85) Chrysene	21.81	228	527135	23.21	ng/ul#	88
88) Benzo(b)fluoranthene	24.01	252	724739m	26.34	ng/ul	
89) Benzo(k)fluoranthene	24.06	252	247383m	9.34	ng/ul	
91) Benzo(a)pyrene	24.89	252	474328m	18.13	ng/ul	
92) Indeno(1,2,3-cd)pyrene	28.78	276	348674m	11.52	ng/ul	
93) Dibenzo(a,h)anthracene	28.82	278	87656m	3.49	ng/ul	
94) Benzo(g,h,i)perylene	29.93	276	310939m	12.23	ng/ul	

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

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