Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018092.D
Acq On : 24 Jul 2015 16:50
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J6DL

Manual Integrations APPROVED
apatel
7/27/2015 3:37:25 PM

Quant Time: Jul 25 00:13:15 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 23:53:51 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	58062	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	265588	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	174327	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	374324	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	397196	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	396150	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	636m	0.68	ng/uL	0.00
5) Phenol-d5	6.70	99	13585	3.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	6623	3.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	12656	3.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	11421	2.88	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	6774	3.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	7576	3.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	12139	3.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.44	131	12861	2.87	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	43922	3.59	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	49593	3.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	6570	2.55	ng/ul	0.00
58) Fluorene-d10	15.18	176	37663	3.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	5661	2.37	ng/ul	0.00
71) Anthracene-d10	17.03	188	57711	3.56	ng/ul	0.00
79) Pyrene-d10	19.35	212	59928	3.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	51977	2.75	ng/ul	0.00
Target Compounds						Qvalue
34) 2-Methylnaphthalene	11.97	142	9836	1.05	ng/ul	97
50) Acenaphthene	14.25	153	33209	3.21	ng/ul	97
54) Dibenzofuran	14.58	168	31481	2.14	ng/ul	98
59) Fluorene	15.24	166	38248	3.02	ng/ul	98
70) Phenanthrene	16.98	178	506284	26.92	ng/ul	100
72) Anthracene	17.08	178	125702	6.58	ng/ul	97
75) Carbazole	17.35	167	46756	2.83	ng/ul	98
77) Fluoranthene	19.01	202	574556	28.68	ng/ul	98
80) Pyrene	19.38	202	626628	27.55	ng/ul	99
83) Benzo(a)anthracene	21.13	228	292610	13.93	ng/ul	99
85) Chrysene	21.18	228	289320	14.63	ng/ul	97
88) Benzo(b)fluoranthene	22.68	252	307173	14.15	ng/ul	100
89) Benzo(k)fluoranthene	22.72	252	106007m	5.05	ng/ul	
91) Benzo(a)pyrene	23.24	252	237225	11.29	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.55	276	127928	5.28	ng/ul#	92
93) Dibenzo(a,h)anthracene	25.55	278	38803	1.87	ng/ul	96
94) Benzo(g,h,i)perylene	26.22	276	121753	6.08	ng/ul	99

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

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