Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018163.D
Acq On : 29 Jul 2015 1:03
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J6DL

Manual Integrations APPROVED
apatel
7/29/2015 1:21:37 PM

Quant Time: Aug 06 17:34:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 29 01:59:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	38075	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	173189	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.19	164	111073	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.94	188	218045	20.00	ng/ul	0.01
78) Chrysene-d12	21.16	240	225507	20.00	ng/ul	0.01
86) Perylene-d12	23.35	264	240392	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	373	0.61	ng/uL	0.01
5) Phenol-d5	6.71	99	11323	3.86	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.86	67	5999	4.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	11020	4.23	ng/ul	0.01
13) 4-Methylphenol-d8	8.24	113	10109	3.88	ng/ul	0.01
19) Nitrobenzene-d5	8.67	128	6228	4.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	6371	4.41	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.93	165	12156	4.83	ng/ul	0.02
29) 4-Chloroaniline-d4	10.45	131	10900	3.72	ng/ul	0.01
44) Dimethylphthalate-d6	13.60	166	34164	4.38	ng/ul	0.00
47) Acenaphthylene-d8	13.88	160	45330	4.73	ng/ul	0.01
52) 4-Nitrophenol-d4	14.42	143	4535	2.76	ng/ul	0.02
58) Fluorene-d10	15.19	176	32603	4.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.04	188	44800	4.74	ng/ul	0.01
79) Pyrene-d10	19.35	212	45300	4.39	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.21	264	44795	3.90	ng/ul	0.01
Target Compounds						Qvalue
14) Acetophenone	8.34	105	3782	1.03	ng/ul	95
28) Naphthalene	10.35	128	10952	1.35	ng/ul	97
34) 2-Methylnaphthalene	11.97	142	8894	1.45	ng/ul	87
45) Dimethylphthalate	13.65	163	10185	1.30	ng/ul	97
50) Acenaphthene	14.25	153	29837	4.53	ng/ul	95
54) Dibenzofuran	14.59	168	28346	3.03	ng/ul	95
59) Fluorene	15.25	166	33428	4.15	ng/ul	95
70) Phenanthrene	16.99	178	412969	37.69	ng/ul	99
72) Anthracene	17.08	178	103999	9.35	ng/ul	99
75) Carbazole	17.36	167	37545	3.90	ng/ul	99
77) Fluoranthene	19.02	202	444975	38.13	ng/ul#	95
80) Pyrene	19.39	202	487638	37.76	ng/ul	94
83) Benzo(a)anthracene	21.14	228	243487	20.41	ng/ul	99
85) Chrysene	21.19	228	221775	19.75	ng/ul	96
88) Benzo(b)fluoranthene	22.70	252	243964	18.52	ng/ul	99
89) Benzo(k)fluoranthene	22.73	252	95844m	7.52	ng/ul	
91) Benzo(a)pyrene	23.25	252	194364	15.24	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.57	276	93536	6.36	ng/ul#	93
93) Dibenzo(a,h)anthracene	25.58	278	28912	2.30	ng/ul#	88
94) Benzo(g,h,i)perylene	26.26	276	80836	6.65	ng/ul#	92

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

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