Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018207.D
Acq On : 1 Aug 2015 6:58
Operator : TP/UM
Sample : G3065-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G7

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:23:28 PM

Quant Time: Aug 03 02:06:10 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	75648	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	345822	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.16	164	202384	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.92	188	331300	20.00	ng/ul	0.01
78) Chrysene-d12	21.13	240	350703	20.00	ng/ul	0.02
86) Perylene-d12	23.32	264	376384	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.97	96	2423	2.42	ng/uL	0.00
5) Phenol-d5	6.68	99	97838	14.38	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.83	67	50098	14.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	78017	15.19	ng/ul	0.01
13) 4-Methylphenol-d8	8.21	113	64595	11.66	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	43688	16.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	44646	14.28	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.90	165	83743	15.16	ng/ul	0.01
29) 4-Chloroaniline-d4	10.41	131	31921	4.64	ng/ul	0.01
44) Dimethylphthalate-d6	13.57	166	247859	15.85	ng/ul	0.00
47) Acenaphthylene-d8	13.85	160	277490	15.30	ng/ul	0.01
52) 4-Nitrophenol-d4	14.40	143	24803	8.57	ng/ul	0.02
58) Fluorene-d10	15.16	176	182620	12.90	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.30	200	947	0.41	ng/ul	0.01
71) Anthracene-d10	17.02	188	193465	13.43	ng/ul	0.01
79) Pyrene-d10	19.33	212	185256	10.92	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.17	264	203161	10.67	ng/ul	0.03
Target Compounds						Qvalue
28) Naphthalene	10.32	128	41760	2.51	ng/ul	96
45) Dimethylphthalate	13.62	163	114389	7.35	ng/ul	98
50) Acenaphthene	14.22	153	57744	4.92	ng/ul	98
54) Dibenzofuran	14.56	168	39506	2.24	ng/ul#	84
59) Fluorene	15.22	166	46793	3.07	ng/ul	98
70) Phenanthrene	16.96	178	497192	29.54	ng/ul	99
72) Anthracene	17.05	178	128874	7.70	ng/ul	100
75) Carbazole	17.33	167	48610	3.49	ng/ul	98
77) Fluoranthene	18.99	202	625606	33.84	ng/ul#	95
80) Pyrene	19.36	202	530183	24.92	ng/ul	95
81) Butylbenzylphthalate	20.27	149	43600	5.05	ng/ul#	81
83) Benzo(a)anthracene	21.11	228	288310	15.27	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.05	149	76203	6.54	ng/ul	95
85) Chrysene	21.17	228	297891	17.22	ng/ul	97
88) Benzo(b)fluoranthene	22.66	252	415048	18.36	ng/ul#	97
89) Benzo(k)fluoranthene	22.70	252	145255m	6.99	ng/ul	
91) Benzo(a)pyrene	23.22	252	291547	14.41	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.52	276	167908	7.17	ng/ul#	86
93) Dibenzo(a,h)anthracene	25.53	278	44499	2.22	ng/ul#	89
94) Benzo(g,h,i)perylene	26.20	276	143303	7.50	ng/ul#	92

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

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