Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080215\
Data File : BG018237.D
Acq On : 2 Aug 2015 21:40
Operator : TP
Sample : G3073-07RE
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01N7RE

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:20:35 PM

Quant Time: Aug 03 08:08:21 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 05:58:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	85761	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	363398	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.16	164	226526	20.00	ng/ul	0.02
62) Phenanthrene-d10	16.92	188	383813	20.00	ng/ul	0.01
78) Chrysene-d12	21.13	240	324027	20.00	ng/ul	0.02
86) Perylene-d12	23.32	264	280293	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.97	96	2321	2.04	ng/uL	0.01
5) Phenol-d5	6.68	99	83105	10.78	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.82	67	41536	10.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	72726	12.49	ng/ul	0.01
13) 4-Methylphenol-d8	8.22	113	63903	10.18	ng/ul	0.02
19) Nitrobenzene-d5	8.64	128	37561	13.12	ng/ul	0.01
22) 2-Nitrophenol-d4	9.36	143	37072	11.28	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.91	165	75145	12.94	ng/ul	0.02
29) 4-Chloroaniline-d4	10.42	131	56561	7.82	ng/ul	0.01
44) Dimethylphthalate-d6	13.58	166	235069	13.43	ng/ul	0.01
47) Acenaphthylene-d8	13.85	160	238997	11.77	ng/ul	0.01
52) 4-Nitrophenol-d4	14.42	143	23316	7.20	ng/ul	0.02
58) Fluorene-d10	15.16	176	164878	10.41	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.31	200	542	0.20	ng/ul	0.02
71) Anthracene-d10	17.02	188	186264	11.16	ng/ul	0.02
79) Pyrene-d10	19.33	212	130833	8.35	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.18	264	118500	8.36	ng/ul	0.03
Target Compounds						Qvalue
28) Naphthalene	10.31	128	22074	1.26	ng/ul#	93
32) Caprolactam	11.19	113	6929	2.51	ng/ul	97
45) Dimethylphthalate	13.62	163	122248	7.02	ng/ul	97
50) Acenaphthene	14.22	153	40094	3.05	ng/ul	94
54) Dibenzofuran	14.56	168	30144	1.52	ng/ul#	73
59) Fluorene	15.22	166	47155	2.76	ng/ul	94
70) Phenanthrene	16.96	178	506999	26.00	ng/ul	99
72) Anthracene	17.05	178	132143	6.81	ng/ul	98
75) Carbazole	17.33	167	53001	3.29	ng/ul	95
76) Di-n-butylphthalate	17.90	149	32734	1.53	ng/ul#	95
77) Fluoranthene	19.00	202	532021	24.84	ng/ul#	91
80) Pyrene	19.36	202	447331	22.76	ng/ul#	90
83) Benzo(a)anthracene	21.12	228	243167	13.94	ng/ul	98
85) Chrysene	21.17	228	233531	14.61	ng/ul	96
88) Benzo(b)fluoranthene	22.67	252	316041	18.77	ng/ul	98
89) Benzo(k)fluoranthene	22.71	252	97121m	6.28	ng/ul	
91) Benzo(a)pyrene	23.23	252	186241	12.36	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.53	276	79876	4.58	ng/ul#	87
93) Dibenzo(a,h)anthracene	25.53	278	23163	1.55	ng/ul#	75
94) Benzo(g,h,i)perylene	26.21	276	60588	4.26	ng/ul#	87

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

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