Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018233.D
Acq On : 2 Aug 2015 19:20
Operator : TP
Sample : G3073-21RE
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L5RE

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:20:11 PM

Quant Time: Aug 11 17:17:42 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	86138	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	328941	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.17	164	147318	20.00	ng/ul	0.03
62) Phenanthrene-d10	16.93	188	272583m	20.00	ng/ul	0.02
78) Chrysene-d12	21.14	240	354444m	20.00	ng/ul	0.02
86) Perylene-d12	23.33	264	332967	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.96	96	2451	2.15	ng/uL	0.00
5) Phenol-d5	6.69	99	122801	15.85	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	6.83	67	63844	16.13	ng/ul	0.01
9) 2-Chlorophenol-d4	7.02	132	109419	18.70	ng/ul	0.01
13) 4-Methylphenol-d8	8.22	113	91758	14.55	ng/ul	0.02
19) Nitrobenzene-d5	8.65	128	58751	22.67	ng/ul	0.02
22) 2-Nitrophenol-d4	9.36	143	54625	18.37	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.91	165	108628	20.67	ng/ul	0.02
29) 4-Chloroaniline-d4	10.42	131	51929	7.93	ng/ul	0.01
44) Dimethylphthalate-d6	13.58	166	255921	22.48	ng/ul	0.01
47) Acenaphthylene-d8	13.86	160	237645	18.00	ng/ul	0.03
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.17	176	163978	15.92	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.39	200	800	0.42	ng/ul	0.10
71) Anthracene-d10	17.02	188	200243	16.89	ng/ul	0.02
79) Pyrene-d10	19.34	212	206871m	12.06	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.19	264	231948	13.78	ng/ul	0.04
Target Compounds						Qvalue
28) Naphthalene	10.32	128	115671	7.30	ng/ul	96
34) 2-Methylnaphthalene	11.95	142	61101	4.87	ng/ul	96
45) Dimethylphthalate	13.63	163	103820	9.17	ng/ul#	96
50) Acenaphthene	14.24	153	42981	5.03	ng/ul	94
54) Dibenzofuran	14.57	168	36095	2.81	ng/ul#	55
59) Fluorene	15.23	166	38439	3.46	ng/ul#	81
70) Phenanthrene	16.97	178	157022	11.34	ng/ul	95
72) Anthracene	17.06	178	39496m	2.87	ng/ul	
77) Fluoranthene	19.00	202	309817m	20.37	ng/ul	
80) Pyrene	19.37	202	296594m	13.80	ng/ul	
83) Benzo(a)anthracene	21.12	228	142781m	7.48	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.05	149	64668m	5.49	ng/ul	
85) Chrysene	21.17	228	175074m	10.01	ng/ul	
88) Benzo(b)fluoranthene	22.67	252	283782	14.19	ng/ul#	77
89) Benzo(k)fluoranthene	22.71	252	88825m	4.83	ng/ul	
91) Benzo(a)pyrene	23.23	252	169584	9.48	ng/ul#	74
92) Indeno(1,2,3-cd)pyrene	25.54	276	76698	3.70	ng/ul#	86
94) Benzo(g,h,i)perylene	26.22	276	62767m	3.71	ng/ul	

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

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