Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021871.D
Acq On : 12 May 2016 16:34
Operator : UM/SJ
Sample : H2936-10DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9WJ9DL

Manual Integrations APPROVED
sohil
5/13/2016 8:11:36 PM

Quant Time: May 13 05:58:59 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 04:58:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	58294	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	328450	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	210233	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	448219	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	446880	20.00	ng/ul	0.00
84) Perylene-d12	25.18	264	449761	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.56	96	929	0.77	ng/uL	0.00
5) Phenol-d5	7.33	99	20464	4.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	8260	3.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	21960	6.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	19543m	5.38	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	10026m	4.64	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	11033m	8.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	23259m	6.03	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	17355m	4.18	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	73987	5.01	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	100742	4.81	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.78	176	66678	4.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.64	188	99794	4.57	ng/ul	0.00
77) Pyrene-d10	19.91	212	102583	4.90	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	96060	4.50	ng/ul	0.00
Target Compounds						Qvalue
70) Phenanthrene	17.58	178	131697	5.37	ng/ul	99
72) Anthracene	17.67	178	24961	1.00	ng/ul	97
73) Carbazole	17.94	167	31423m	1.46	ng/ul	
75) Fluoranthene	19.58	202	489545	17.58	ng/ul#	95
78) Pyrene	19.94	202	504662m	19.52	ng/ul	
81) Benzo(a)anthracene	21.80	228	512160	20.59	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.69	149	15438	1.65	ng/ul#	98
83) Chrysene	21.87	228	582951	23.70	ng/ul	95
86) Benzo(b)fluoranthene	24.11	252	1318623	51.22	ng/ul#	95
87) Benzo(k)fluoranthene	24.17	252	440900m	16.00	ng/ul	
89) Benzo(a)pyrene	25.02	252	985812	38.47	ng/ul#	93
90) Indeno(1,2,3-cd)pyrene	29.01	276	876595	28.86	ng/ul#	93
91) Dibenzo(a,h)anthracene	29.04	278	245044m	9.69	ng/ul	
92) Benzo(g,h,i)perylene	30.21	276	783339	31.25	ng/ul#	92

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

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