Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
Data File : BG021855.D
Acq On : 11 May 2016 22:21
Operator : UM/SJ
Sample : H2937-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XA0

Manual Integrations APPROVED
sohil
5/12/2016 7:27:45 PM

Quant Time: May 12 08:46:53 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 07:33:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	81563	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	403518	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	231839	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	468268	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	451294	20.00	ng/ul	0.00
84) Perylene-d12	25.19	264	452617	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	4909	2.91	ng/uL	0.00
5) Phenol-d5	7.33	99	103426	17.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	51026	17.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	96045	20.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	85322	16.78	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	48439	18.26	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	53502	31.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	94781	20.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	96077m	18.82	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	298887m	18.35	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	411195	17.79	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	39680m	14.22	ng/ul	0.00
58) Fluorene-d10	15.79	176	274456	16.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	30777	23.73	ng/ul	0.00
71) Anthracene-d10	17.65	188	362722	15.91	ng/ul	0.00
77) Pyrene-d10	19.92	212	395239	18.71	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.95	264	362103	16.84	ng/ul	0.01
Target Compounds						Qvalue
45) Dimethylphthalate	14.25	163	57108	3.44	ng/ul#	97
70) Phenanthrene	17.59	178	40763	1.59	ng/ul	98
75) Fluoranthene	19.59	202	118081	4.06	ng/ul#	96
78) Pyrene	19.95	202	117864m	4.51	ng/ul	
81) Benzo(a)anthracene	21.82	228	122962	4.90	ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.70	149	26486	2.81	ng/ul#	92
83) Chrysene	21.88	228	148941	6.00	ng/ul	96
86) Benzo(b)fluoranthene	24.11	252	307911	11.88	ng/ul#	96
87) Benzo(k)fluoranthene	24.18	252	103882m	3.75	ng/ul	
89) Benzo(a)pyrene	25.02	252	190328	7.38	ng/ul#	95
90) Indeno(1,2,3-cd)pyrene	29.02	276	158567	5.19	ng/ul#	91
91) Dibenzo(a,h)anthracene	29.05	278	55338m	2.18	ng/ul	
92) Benzo(g,h,i)perylene	30.22	276	148393m	5.88	ng/ul	

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

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