Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051916\
Data File : BG021961.D
Acq On : 19 May 2016 13:31
Operator : UM/SJ
Sample : H3092-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XB6

Manual Integrations APPROVED
sohil
5/20/2016 7:16:57 PM

Quant Time: May 20 06:04:11 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 05:44:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	35867	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	181118	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	103023	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.52	188	211048	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	189703	20.00	ng/ul	0.00
34) Perylene-d12	25.13	264	176652	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.55	96	1819	2.33	ng/uL	0.00
3) Phenol-d5	7.31	99	40840	12.90	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	23639	14.01	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	37579	14.45	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	24056	8.53	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	20443m	16.09	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	19526	14.40	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	34100	14.23	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	13541	7.17	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	128228	16.14	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	173833	16.99	ng/ul	0.00
20) 4-Nitrophenol-d4	14.99	143	6055m	4.33	ng/ul	0.02
21) Fluorene-d10	15.77	176	116340	16.27	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.88	200	9286	8.87	ng/ul	0.00
26) Anthracene-d10	17.62	188	164166	16.88	ng/ul	0.00
30) Pyrene-d10	19.90	212	171793	17.16	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.90	264	135197	17.23	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	11.02	128	11837	1.34	ng/ul	98
25) Phenanthrene	17.57	178	100203	8.88	ng/ul	97
27) Anthracene	17.66	178	16939	1.49	ng/ul	98
28) Fluoranthene	19.57	202	174479	14.88	ng/ul#	95
31) Pyrene	19.93	202	147869m	11.32	ng/ul	
32) Benzo(a)anthracene	21.79	228	75802	7.20	ng/ul	97
33) Chrysene	21.85	228	71104	6.95	ng/ul	95
35) Benzo(b)fluoranthene	24.07	252	97116	9.56	ng/ul#	93
36) Benzo(k)fluoranthene	24.14	252	36418m	3.65	ng/ul	
38) Benzo(a)pyrene	24.97	252	58633	6.04	ng/ul#	92
39) Indeno(1,2,3-cd)pyrene	28.94	276	41766	3.78	ng/ul#	92
40) Dibenzo(a,h)anthracene	28.98	278	13604m	1.49	ng/ul	
41) Benzo(g,h,i)perylene	30.13	276	44122m	4.72	ng/ul	

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

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