Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051916\
Data File : BG021962.D
Acq On : 19 May 2016 14:10
Operator : UM/SJ
Sample : H3092-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XC0

Manual Integrations APPROVED
sohil
5/20/2016 7:16:48 PM

Quant Time: May 20 06:41:10 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	31156	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	166954	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	95003	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	197094	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	178454	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	168655	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.54	96	2331	3.43	ng/uL	0.00
3) Phenol-d5	7.31	99	44928	16.33	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.47	67	26881	18.35	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	41553	18.40	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	31608	12.90	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	21019	17.94	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	22235	17.79	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.59	165	39576	17.92	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	38480	22.12	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	141926	19.37	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	191318	20.28	ng/ul	0.00
20) 4-Nitrophenol-d4	14.98	143	9004	6.99	ng/ul	0.00
21) Fluorene-d10	15.77	176	128590	19.50	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	11434	11.69	ng/ul	0.00
26) Anthracene-d10	17.63	188	177998	19.60	ng/ul	0.00
30) Pyrene-d10	19.90	212	183608	19.50	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	153743	20.53	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	11.03	128	51501	6.34	ng/ul	99
13) 2-Methylnaphthalene	12.62	142	17387	2.95	ng/ul	99
14) 1-Methylnaphthalene	12.84	142	16146m	2.68	ng/ul	
19) Acenaphthene	14.84	153	63964	9.48	ng/ul	99
22) Fluorene	15.82	166	59535	7.97	ng/ul	99
25) Phenanthrene	17.57	178	969050	91.98	ng/ul	93
27) Anthracene	17.66	178	196267	18.54	ng/ul	99
28) Fluoranthene	19.57	202	1099829	100.45	ng/ul#	90
31) Pyrene	19.94	202	912357	74.24	ng/ul#	90
32) Benzo(a)anthracene	21.79	228	395737	39.98	ng/ul	97
33) Chrysene	21.86	228	353831	36.74	ng/ul	95
35) Benzo(b)fluoranthene	24.08	252	456125	47.05	ng/ul#	93
36) Benzo(k)fluoranthene	24.14	252	133762m	14.03	ng/ul	
38) Benzo(a)pyrene	24.98	252	304853	32.88	ng/ul#	92
39) Indeno(1,2,3-cd)pyrene	28.94	276	204987	19.45	ng/ul#	92
40) Dibenzo(a,h)anthracene	29.00	278	50619m	5.80	ng/ul	
41) Benzo(g,h,i)perylene	30.14	276	192352	21.57	ng/ul#	90

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

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