Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
Data File : BG021953.D
Acq On : 19 May 2016 4:38
Operator : UM/SJ
Sample : H3096-06DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XG1DL

Manual Integrations APPROVED
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5/19/2016 7:08:21 PM

Quant Time: May 19 05:22:42 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 19 03:59:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	32331	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	183245	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	111401	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	236388	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	209614	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	199952	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.54	96	436	0.62	ng/uL	0.00
3) Phenol-d5	7.31	99	9006	3.15	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	5375m	3.54	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	9116m	3.89	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	6124m	2.41	ng/ul	0.00
8) Nitrobenzene-d5	9.34	128	4177m	3.25	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	4998	3.64	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	9567m	3.95	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	8351m	4.37	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	38238	4.45	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	51552	4.66	ng/ul	0.00
20) 4-Nitrophenol-d4	15.00	143	292	0.19	ng/ul	0.02
21) Fluorene-d10	15.77	176	35049	4.53	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	2094	1.78	ng/ul	0.00
26) Anthracene-d10	17.63	188	55074m	5.06	ng/ul	0.00
30) Pyrene-d10	19.90	212	54828	4.96	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	45492	5.12	ng/ul	0.01
Target Compounds						Qvalue
11) Naphthalene	11.03	128	121219	13.60	ng/ul	99
13) 2-Methylnaphthalene	12.63	142	32977	5.10	ng/ul	93
14) 1-Methylnaphthalene	12.84	142	22164	3.35	ng/ul	92
19) Acenaphthene	14.85	153	89970	11.37	ng/ul	99
22) Fluorene	15.83	166	139267	15.90	ng/ul	98
25) Phenanthrene	17.57	178	1214839m	96.15	ng/ul	
27) Anthracene	17.66	178	302063	23.79	ng/ul	100
28) Fluoranthene	19.57	202	1186768	90.38	ng/ul#	90
31) Pyrene	19.94	202	876080	60.69	ng/ul#	90
32) Benzo(a)anthracene	21.79	228	435142	37.42	ng/ul	95
33) Chrysene	21.86	228	356285	31.50	ng/ul	95
35) Benzo(b)fluoranthene	24.08	252	433757	37.74	ng/ul#	94
36) Benzo(k)fluoranthene	24.14	252	156204m	13.82	ng/ul	
38) Benzo(a)pyrene	24.98	252	287162	26.12	ng/ul#	93
39) Indeno(1,2,3-cd)pyrene	28.94	276	194246	15.55	ng/ul#	89
40) Dibenzo(a,h)anthracene	28.99	278	47070m	4.55	ng/ul	
41) Benzo(g,h,i)perylene	30.14	276	166550	15.76	ng/ul#	92

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

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