Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
Data File : BG022017.D
Acq On : 22 May 2016 18:02
Operator : UM/SJ
Sample : H3204-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XJ8

Manual Integrations APPROVED
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Quant Time: May 24 10:00:06 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 08:11:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	43853	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	222383	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	121146	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	231657	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	205795	20.00	ng/ul	0.00
34) Perylene-d12	25.15	264	192078	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.54	96	1849	1.93	ng/uL	0.00
3) Phenol-d5	7.31	99	95498	24.66	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	53194	25.79	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	85886	27.01	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	84120	24.39	ng/ul	0.00
8) Nitrobenzene-d5	9.32	128	42484	27.23	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	45851	27.54	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.59	165	81222	27.61	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	58763m	25.36	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	262591	28.11	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	357285	29.70	ng/ul	0.00
20) 4-Nitrophenol-d4	14.98	143	19080m	11.61	ng/ul	0.00
21) Fluorene-d10	15.77	176	235015	27.95	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	24415	21.24	ng/ul	0.00
26) Anthracene-d10	17.63	188	322286m	30.20	ng/ul	0.00
30) Pyrene-d10	19.91	212	325187m	29.95	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	270131	31.67	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.57	178	68373	5.52	ng/ul	99
28) Fluoranthene	19.57	202	127289	9.89	ng/ul#	94
31) Pyrene	19.93	202	96622m	6.82	ng/ul	
32) Benzo(a)anthracene	21.79	228	54618	4.78	ng/ul	98
33) Chrysene	21.86	228	52599	4.74	ng/ul	97
35) Benzo(b)fluoranthene	24.08	252	80432	7.28	ng/ul#	94
36) Benzo(k)fluoranthene	24.13	252	29014m	2.67	ng/ul	
38) Benzo(a)pyrene	24.98	252	48244	4.57	ng/ul#	95
39) Indeno(1,2,3-cd)pyrene	28.97	276	36604m	3.05	ng/ul	
41) Benzo(g,h,i)perylene	30.14	276	27417m	2.70	ng/ul	

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

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