Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
Data File : BG022016.D
Acq On : 22 May 2016 17:22
Operator : UM/SJ
Sample : H3204-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XJ7

Manual Integrations APPROVED
umangi
5/24/2016 7:32:56 PM

Quant Time: May 24 09:38:16 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	37952	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	186520	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	101561	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	205679	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	180701	20.00	ng/ul	0.00
34) Perylene-d12	25.15	264	172391	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.54	96	2126	2.57	ng/uL	0.00
3) Phenol-d5	7.31	99	101741	30.36	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.47	67	54780	30.69	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	89467	32.52	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	90972	30.47	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	44031	33.65	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	48889	35.02	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.59	165	86421	35.02	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	70375	36.21	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	275344	35.16	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	377370	37.41	ng/ul	0.00
20) 4-Nitrophenol-d4	14.98	143	30582	22.20	ng/ul	0.00
21) Fluorene-d10	15.77	176	248924	35.32	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	28602	28.02	ng/ul	0.00
26) Anthracene-d10	17.63	188	350138	36.95	ng/ul	0.00
30) Pyrene-d10	19.91	212	358509	37.60	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.92	264	299760	39.15	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	11.03	128	9230	1.02	ng/ul	98
19) Acenaphthene	14.85	153	7330	1.02	ng/ul	100
25) Phenanthrene	17.57	178	86143	7.84	ng/ul	94
27) Anthracene	17.66	178	14068	1.27	ng/ul	95
28) Fluoranthene	19.57	202	193607	16.95	ng/ul#	94
31) Pyrene	19.93	202	177511m	14.26	ng/ul	
32) Benzo(a)anthracene	21.79	228	99637	9.94	ng/ul	96
33) Chrysene	21.86	228	116055	11.90	ng/ul	96
35) Benzo(b)fluoranthene	24.08	252	177913	17.95	ng/ul#	92
36) Benzo(k)fluoranthene	24.15	252	64227m	6.59	ng/ul	
38) Benzo(a)pyrene	24.99	252	114356	12.07	ng/ul#	96
39) Indeno(1,2,3-cd)pyrene	28.97	276	72727	6.75	ng/ul#	90
40) Dibenzo(a,h)anthracene	28.99	278	21030m	2.36	ng/ul	
41) Benzo(g,h,i)perylene	30.15	276	61194m	6.71	ng/ul	

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

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