Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
Data File : BG022035.D
Acq On : 23 May 2016 6:07
Operator : UM/SJ
Sample : H3203-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: May 24 13:24:20 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

Instrument : BNA_G
ClientSampleId : D9XH7

Manual Integrations APPROVED
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5/24/2016 7:33:46 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	45701	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	233235	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	126780	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	236382	20.00	ng/ul	0.00
29) Chrysene-d12	21.82	240	209527	20.00	ng/ul	0.00
34) Perylene-d12	25.15	264	193378	20.00	ng/ul	0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.54	96	1035	1.04	ng/uL	0.00
3) Phenol-d5	7.31	99	56103	13.90	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.47	67	27496	12.79	ng/ul	0.00
5) 2-Chlorophenol-d4	7.68	132	47003	14.19	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	46595	12.96	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	24265	14.83	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	25759	14.75	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.59	165	46633	15.11	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	34897	14.36	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	150700	15.42	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	204549	16.25	ng/ul	0.00
20) 4-Nitrophenol-d4	14.99	143	15939m	9.27	ng/ul	0.00
21) Fluorene-d10	15.77	176	134178	15.25	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	12684	10.81	ng/ul	0.00
26) Anthracene-d10	17.63	188	176430	16.20	ng/ul	0.00
30) Pyrene-d10	19.91	212	180961	16.37	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.92	264	150801	17.56	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.57	178	193581	15.32	ng/ul	98
27) Anthracene	17.66	178	32460	2.56	ng/ul	96
28) Fluoranthene	19.57	202	450797	34.33	ng/ul#	92
31) Pyrene	19.94	202	347119m	24.06	ng/ul	
32) Benzo(a)anthracene	21.79	228	192138	16.53	ng/ul	94
33) Chrysene	21.86	228	194511	17.20	ng/ul	96
35) Benzo(b)fluoranthene	24.08	252	294229	26.47	ng/ul#	94
36) Benzo(k)fluoranthene	24.14	252	81342m	7.44	ng/ul	
38) Benzo(a)pyrene	24.99	252	172978	16.27	ng/ul#	93
39) Indeno(1,2,3-cd)pyrene	28.98	276	100783m	8.34	ng/ul	
40) Dibenzo(a,h)anthracene	29.00	278	26124m	2.61	ng/ul	
41) Benzo(g,h,i)perylene	30.15	276	84761m	8.29	ng/ul	

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

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