Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081016\
Data File : BM007005.D
Acq On : 10 Aug 2016 18:11
Operator : UM/SJ
Sample : H4301-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA0E5MS

Manual Integrations APPROVED
sohil
8/10/2016 8:15:26 PM

Quant Time: Aug 10 19:06:44 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 01:30:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	325261	20.00	ng/ul	0.00
7) Naphthalene-d8	10.60	136	1468573	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.45	164	899147	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.19	188	2124623	20.00	ng/ul	0.00
29) Chrysene-d12	21.37	240	2341477	20.00	ng/ul	0.00
34) Perylene-d12	23.65	264	1986498	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.33	96	10384	1.46	ng/uL	0.00
3) Phenol-d5	6.97	99	498867	17.23	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.15	67	309238	19.12	ng/ul	0.00
5) 2-Chlorophenol-d4	7.35	132	402211	18.32	ng/ul	0.00
6) 4-Methylphenol-d8	8.52	113	294953	12.04	ng/ul	0.00
8) Nitrobenzene-d5	8.97	128	212094	18.91	ng/ul	0.00
9) 2-Nitrophenol-d4	9.69	143	229107	17.84	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.22	165	471195	18.78	ng/ul	0.00
12) 4-Chloroaniline-d4	10.74	131	287401	9.80	ng/ul	0.00
16) Dimethylphthalate-d6	13.86	166	1566224	20.38	ng/ul	0.00
17) Acenaphthylene-d8	14.14	160	1923540	21.37	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	195984	14.21	ng/ul	0.00
21) Fluorene-d10	15.44	176	1379530	21.12	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.55	200	156855	13.62	ng/ul	0.00
26) Anthracene-d10	17.29	188	2133222	21.55	ng/ul	0.00
30) Pyrene-d10	19.58	212	2476988	23.27	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.50	264	1960689	21.47	ng/ul	0.00
Target Compounds						Qvalue
13) 2-Methylnaphthalene	12.26	142	59581	1.02	ng/ul	99
18) Acenaphthylene	14.17	152	193518	2.08	ng/ul	99
19) Acenaphthene	14.51	153	1193868	19.85	ng/ul	100
22) Fluorene	15.50	166	87130	1.22	ng/ul	99
25) Phenanthrene	17.23	178	1589816	13.97	ng/ul	100
27) Anthracene	17.32	178	264641	2.25	ng/ul	100
28) Fluoranthene	19.25	202	2949972	20.58	ng/ul	98
31) Pyrene	19.62	202	5074572	37.36	ng/ul	98
32) Benzo(a)anthracene	21.36	228	1337990	9.71	ng/ul	97
33) Chrysene	21.41	228	1330189	10.63	ng/ul	97
35) Benzo(b)fluoranthene	22.97	252	1639247	13.28	ng/ul	97
36) Benzo(k)fluoranthene	23.00	252	475771m	4.08	ng/ul	
38) Benzo(a)pyrene	23.55	252	990469	8.72	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.95	276	712705	6.33	ng/ul	97
40) Dibenzo(a,h)anthracene	25.96	278	201778	2.17	ng/ul#	90
41) Benzo(g,h,i)perylene	26.66	276	704706	7.61	ng/ul	99

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

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