Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081016\
Data File : BM007007.D
Acq On : 10 Aug 2016 19:23
Operator : UM/SJ
Sample : H4301-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA0E7

Manual Integrations APPROVED
sohil
8/10/2016 8:15:30 PM

Quant Time: Aug 10 20:02:42 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 19:42:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	322673	20.00	ng/ul	0.00
7) Naphthalene-d8	10.60	136	1443525	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.45	164	874975	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.19	188	2037728	20.00	ng/ul	0.00
29) Chrysene-d12	21.37	240	2262340	20.00	ng/ul	0.00
34) Perylene-d12	23.65	264	1895131	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.33	96	9766	1.38	ng/uL	0.00
3) Phenol-d5	6.97	99	425560	14.82	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.15	67	261236	16.28	ng/ul	0.00
5) 2-Chlorophenol-d4	7.35	132	352010	16.16	ng/ul	0.00
6) 4-Methylphenol-d8	8.51	113	299624	12.32	ng/ul	0.00
8) Nitrobenzene-d5	8.97	128	173251	15.71	ng/ul	0.00
9) 2-Nitrophenol-d4	9.69	143	189370	15.00	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.22	165	396431	16.07	ng/ul	0.00
12) 4-Chloroaniline-d4	10.74	131	349899	12.14	ng/ul	0.00
16) Dimethylphthalate-d6	13.86	166	1265939	16.93	ng/ul	0.00
17) Acenaphthylene-d8	14.14	160	1555986	17.77	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	150595	11.22	ng/ul	0.00
21) Fluorene-d10	15.44	176	1106191	17.40	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.55	200	112655	10.20	ng/ul	0.00
26) Anthracene-d10	17.29	188	1700915	17.91	ng/ul	0.00
30) Pyrene-d10	19.58	212	1971613	19.17	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.51	264	1575064	18.08	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.23	178	492236	4.51	ng/ul	100
28) Fluoranthene	19.24	202	1098663	7.99	ng/ul	99
31) Pyrene	19.61	202	935878	7.13	ng/ul	99
32) Benzo(a)anthracene	21.36	228	611020	4.59	ng/ul	95
33) Chrysene	21.41	228	601319	4.97	ng/ul	97
35) Benzo(b)fluoranthene	22.97	252	818132	6.95	ng/ul#	96
36) Benzo(k)fluoranthene	23.01	252	266478m	2.40	ng/ul	
38) Benzo(a)pyrene	23.55	252	512843	4.74	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.95	276	370955	3.45	ng/ul	98
40) Dibenzo(a,h)anthracene	25.96	278	98632	1.11	ng/ul#	78
41) Benzo(g,h,i)perylene	26.66	276	372027	4.21	ng/ul	96

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

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