Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072116\
Data File : BM006614.D
Acq On : 22 Jul 2016 07:57
Operator : UM/SJ
Sample : H4076-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9YQ5

Manual Integrations
APPROVED
umangi
7/22/2016 6:24:59 PM

Quant Time: Jul 22 11:13:41 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 22 01:56:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	187184	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	809909	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	450243	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	1001949	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	1003149	20.00	ng/ul	0.00
34) Perylene-d12	23.44	264	871940	20.00	ng/ul	0.03
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	5325	1.15	ng/uL	0.00
3) Phenol-d5	6.79	99	243945	15.32	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	157272	15.94	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	196396	15.43	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	138184	11.19	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	95928	15.65	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	104980	16.10	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	187299	15.20	ng/ul	0.00
12) 4-Chloroaniline-d4	10.54	131	131541	9.69	ng/ul	0.00
16) Dimethylphthalate-d6	13.68	166	587681	16.65	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	770586	17.10	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	82366	13.43	ng/ul	0.02
21) Fluorene-d10	15.26	176	542030	17.17	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	36746	7.07	ng/ul	0.01
26) Anthracene-d10	17.12	188	805415	16.93	ng/ul	0.00
30) Pyrene-d10	19.42	212	901288	19.72	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	679580	16.94	ng/ul	0.02
Target Compounds						Qvalue
13) 2-Methylnaphthalene	12.06	142	54725	1.79	ng/ul	99
14) 1-Methylnaphthalene	12.29	142	33994	1.16	ng/ul	89
25) Phenanthrene	17.06	178	200267	3.55	ng/ul	97
28) Fluoranthene	19.08	202	533462	8.06	ng/ul	98
31) Pyrene	19.45	202	477142	7.86	ng/ul	97
32) Benzo(a)anthracene	21.20	228	262742	4.32	ng/ul	93
33) Chrysene	21.26	228	298837m	5.33	ng/ul	
35) Benzo(b)fluoranthene	22.77	252	359669	6.88	ng/ul#	72
36) Benzo(k)fluoranthene	22.81	252	96309m	1.91	ng/ul	
38) Benzo(a)pyrene	23.34	252	223375	4.39	ng/ul#	76
39) Indeno(1,2,3-cd)pyrene	25.65	276	207838	3.53	ng/ul#	90
40) Dibenzo(a,h)anthracene	25.65	278	59633	1.22	ng/ul#	59
41) Benzo(g,h,i)perylene	26.32	276	195967	3.88	ng/ul#	90

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

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