Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
Data File : BM006086.D
Acq On : 28 Jun 2016 00:57
Operator : UM/SJ
Sample : H3779-05MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YD4MSD

Manual Integrations APPROVED
umangi
6/28/2016 2:34:46 PM

Quant Time: Jun 28 14:13:21 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 28 02:11:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	223709	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	1166207	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	772329	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1944125	20.00	ng/ul	0.00
29) Chrysene-d12	21.27	240	1459034	20.00	ng/ul	0.01
34) Perylene-d12	23.49	264	1743422	20.00	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	5128	1.02	ng/uL	0.00
3) Phenol-d5	6.83	99	342648	14.56	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	181577	13.87	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	246078	15.01	ng/ul	0.00
6) 4-Methylphenol-d8	8.37	113	285250	14.36	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	131581	14.82	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	139593	14.13	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	296324	15.64	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	323493	15.73	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	934608	14.14	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	1222105	15.94	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	193580	13.72	ng/ul	0.00
21) Fluorene-d10	15.30	176	887626	15.72	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.44	200	41540	3.85	ng/ul	0.00
26) Anthracene-d10	17.16	188	1488602	16.67	ng/ul	0.00
30) Pyrene-d10	19.46	212	1498465	23.45	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.35	264	1282527	16.29	ng/ul	0.01
Target Compounds						Qvalue
11) Naphthalene	10.49	128	181855	3.12	ng/ul	99
13) 2-Methylnaphthalene	12.11	142	76758	1.64	ng/ul	100
14) 1-Methylnaphthalene	12.33	142	68347	1.52	ng/ul#	96
18) Acenaphthylene	14.03	152	936874	11.59	ng/ul	99
19) Acenaphthene	14.37	153	1048102	20.41	ng/ul	99
22) Fluorene	15.36	166	993761	16.06	ng/ul	98
25) Phenanthrene	17.12	178	10442553	99.86	ng/ul	97
27) Anthracene	17.20	178	3433956	31.81	ng/ul	100
28) Fluoranthene	19.14	202	14392050	107.45	ng/ul	99
31) Pyrene	19.51	202	12031857m	144.05	ng/ul	
32) Benzo(a)anthracene	21.25	228	6784676	78.28	ng/ul	94
33) Chrysene	21.31	228	6333354	79.99	ng/ul	95
35) Benzo(b)fluoranthene	22.84	252	8146898	80.42	ng/ul	96
36) Benzo(k)fluoranthene	22.87	252	2715539m	28.82	ng/ul	
38) Benzo(a)pyrene	23.40	252	5283502m	54.40	ng/ul	
39) Indeno(1,2,3-cd)pyrene	25.73	276	3973216	34.32	ng/ul#	92
40) Dibenzo(a,h)anthracene	25.73	278	1182082m	12.28	ng/ul	
41) Benzo(g,h,i)perylene	26.43	276	3360873	33.56	ng/ul	97

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

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