Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060616\
Data File : BM005675.D
Acq On : 06 Jun 2016 18:22
Operator : UM/SJ
Sample : H3412-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9XS3

Manual Integrations APPROVED
sohil
6/7/2016 7:13:41 PM

Quant Time: Jun 07 04:50:02 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 07 04:25:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	51167	20.00	ng/ul	0.00
7) Naphthalene-d8	10.55	136	244231	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.40	164	145896	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	369394	20.00	ng/ul	0.00
29) Chrysene-d12	21.33	240	559059	20.00	ng/ul	0.00
34) Perylene-d12	23.59	264	644938	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.22	96	1111	0.91	ng/uL	0.00
3) Phenol-d5	6.94	99	53316	11.85	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	35170	12.85	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	44968	12.12	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	25274	7.10	ng/ul	0.00
8) Nitrobenzene-d5	8.92	128	21667	11.55	ng/ul	0.00
9) 2-Nitrophenol-d4	9.64	143	22627	11.27	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.18	165	42066	11.80	ng/ul	0.00
12) 4-Chloroaniline-d4	10.69	131	40376	9.53	ng/ul	0.00
16) Dimethylphthalate-d6	13.81	166	142787	12.73	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160	184694	12.66	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	14134m	8.80	ng/ul	0.00
21) Fluorene-d10	15.39	176	137618	14.29	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	8898	5.12	ng/ul	0.00
26) Anthracene-d10	17.24	188	225759	12.87	ng/ul	0.00
30) Pyrene-d10	19.53	212	296444	10.55	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.44	264	371363	12.51	ng/ul	0.00
Target Compounds						Qvalue
18) Acenaphthylene	14.12	152	44217	2.93	ng/ul	98
25) Phenanthrene	17.19	178	107647	5.28	ng/ul	99
27) Anthracene	17.27	178	37787	1.82	ng/ul	98
28) Fluoranthene	19.20	202	285339	13.69	ng/ul	98
31) Pyrene	19.56	202	335871	9.52	ng/ul	97
32) Benzo(a)anthracene	21.31	228	238628	7.28	ng/ul	97
33) Chrysene	21.36	228	292482	9.44	ng/ul	97
35) Benzo(b)fluoranthene	22.91	252	847130	21.78	ng/ul	98
36) Benzo(k)fluoranthene	22.94	252	225960m	6.19	ng/ul	
38) Benzo(a)pyrene	23.49	252	435608	11.64	ng/ul#	95
39) Indeno(1,2,3-cd)pyrene	25.87	276	308812	6.97	ng/ul	97
40) Dibenzo(a,h)anthracene	25.87	278	88305	2.38	ng/ul#	82
41) Benzo(g,h,i)perylene	26.58	276	281219	7.57	ng/ul#	94

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

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