Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006640.D
Acq On : 23 Jul 2016 00:54
Operator : UM/SJ
Sample : H4077-18DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YT2DL

Manual Integrations APPROVED
sohil
7/25/2016 6:39:24 PM

Quant Time: Jul 23 03:20:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 23 00:16:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	199236	20.00	ng/ul	0.01
7) Naphthalene-d8	10.40	136	846701	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.27	164	460691	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.03	188	993945	20.00	ng/ul	0.01
29) Chrysene-d12	21.23	240	998486	20.00	ng/ul	0.00
34) Perylene-d12	23.43	264	1111171	20.00	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	497	0.10	ng/uL	0.00
3) Phenol-d5	6.81	99	26468	1.56	ng/ul	0.01
4) Bis-(2-Chloroethyl)ether-d	6.96	67	17949	1.71	ng/ul	0.01
5) 2-Chlorophenol-d4	7.16	132	20064	1.48	ng/ul	0.00
6) 4-Methylphenol-d8	8.34	113	19008	1.45	ng/ul	0.01
8) Nitrobenzene-d5	8.78	128	10564	1.65	ng/ul	0.01
9) 2-Nitrophenol-d4	9.49	143	9080	1.33	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.04	165	19372	1.50	ng/ul	0.02
12) 4-Chloroaniline-d4	10.55	131	15171m	1.07	ng/ul	0.02
16) Dimethylphthalate-d6	13.69	166	60003	1.66	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	79194	1.72	ng/ul	0.00
20) 4-Nitrophenol-d4	14.53	143	7084m	1.13	ng/ul	0.04
21) Fluorene-d10	15.27	176	57415	1.78	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
26) Anthracene-d10	17.12	188	86494	1.83	ng/ul	0.00
30) Pyrene-d10	19.43	212	93864	2.06	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.30	264	88799	1.74	ng/ul	0.02
Target Compounds						Qvalue
18) Acenaphthylene	13.99	152	337567	6.84	ng/ul	96
25) Phenanthrene	17.07	178	160491	2.87	ng/ul	97
27) Anthracene	17.16	178	443772	7.71	ng/ul	98
28) Fluoranthene	19.09	202	654324	9.96	ng/ul	99
31) Pyrene	19.46	202	1074574	17.77	ng/ul	97
32) Benzo(a)anthracene	21.21	228	881284	14.56	ng/ul	95
33) Chrysene	21.26	228	1174234m	21.05	ng/ul	
35) Benzo(b)fluoranthene	22.78	252	3358942	50.43	ng/ul	100
36) Benzo(k)fluoranthene	22.81	252	973653m	15.12	ng/ul	
38) Benzo(a)pyrene	23.34	252	1786586	27.56	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.66	276	1551208	20.66	ng/ul	99
40) Dibenzo(a,h)anthracene	25.64	278	469802m	7.55	ng/ul	
41) Benzo(g,h,i)perylene	26.33	276	1265793	19.67	ng/ul	97

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

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