Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
Data File : BM006832.D
Acq On : 01 Aug 2016 19:40
Operator : UM/SJ
Sample : H4188-02 5X
Misc :
ALS Vial : 98 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9ZL0

Manual Integrations APPROVED
sohil
8/2/2016 1:10:33 PM

Quant Time: Aug 02 00:52:25 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 01:37:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	153155	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	649044	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	356585	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	767445	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	778257	20.00	ng/ul	0.00
34) Perylene-d12	23.43	264	854439	20.00	ng/ul	0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	1207	0.32	ng/uL	0.00
3) Phenol-d5	6.80	99	43535	3.34	ng/ul	0.02
4) Bis-(2-Chloroethyl)ether-d	6.95	67	30898	3.83	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	37152	3.57	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	23029	2.28	ng/ul	0.02
8) Nitrobenzene-d5	8.76	128	18147	3.69	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	18183	3.48	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.03	165	34333	3.48	ng/ul	0.01
12) 4-Chloroaniline-d4	10.54	131	35411m	3.26	ng/ul	0.01
16) Dimethylphthalate-d6	13.67	166	110919	3.97	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	144059	4.04	ng/ul	0.00
20) 4-Nitrophenol-d4	14.53	143	8355	1.72	ng/ul	0.05
21) Fluorene-d10	15.26	176	102820	4.11	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	1164	0.29	ng/ul	0.03
26) Anthracene-d10	17.12	188	154420	4.24	ng/ul	0.00
30) Pyrene-d10	19.42	212	169638	4.78	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	167339	4.26	ng/ul	0.01
Target Compounds						Qvalue
19) Acenaphthene	14.33	153	26538	1.08	ng/ul	92
25) Phenanthrene	17.06	178	330372	7.65	ng/ul	98
27) Anthracene	17.15	178	64041	1.44	ng/ul	97
28) Fluoranthene	19.09	202	1251421	24.68	ng/ul	98
31) Pyrene	19.45	202	1276721	27.09	ng/ul	98
32) Benzo(a)anthracene	21.20	228	1271454	26.96	ng/ul	99
33) Chrysene	21.26	228	1507505	34.66	ng/ul	97
35) Benzo(b)fluoranthene	22.77	252	3277690	63.99	ng/ul	100
36) Benzo(k)fluoranthene	22.82	252	1005918m	20.31	ng/ul	
38) Benzo(a)pyrene	23.34	252	2421886	48.58	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.66	276	2148199	37.21	ng/ul	98
40) Dibenzo(a,h)anthracene	25.65	278	567563m	11.86	ng/ul	
41) Benzo(g,h,i)perylene	26.34	276	1851282	37.41	ng/ul	97

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

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