Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
Data File : BM006820.D
Acq On : 01 Aug 2016 11:04
Operator : UM/SJ
Sample : H4189-01
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9ZM0

Manual Integrations APPROVED
sohil
8/1/2016 7:09:47 PM

Quant Time: Aug 01 14:11:05 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	283392	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	1207956	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	644006	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	1385218	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	1368567	20.00	ng/ul	0.00
34) Perylene-d12	23.43	264	1506733	20.00	ng/ul	0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	10020	1.43	ng/uL	0.00
3) Phenol-d5	6.80	99	411075	17.05	ng/ul	0.01
4) Bis-(2-Chloroethyl)ether-d	6.95	67	272278	18.23	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	343520	17.83	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	233747	12.50	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	172189	18.83	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	193682	19.92	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	336402	18.31	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	204843	10.12	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	1009619	19.99	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	1298319	20.14	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	114678	13.08	ng/ul	0.02
21) Fluorene-d10	15.26	176	893486	19.78	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.41	200	87415	12.16	ng/ul	0.01
26) Anthracene-d10	17.12	188	1358795	20.66	ng/ul	0.00
30) Pyrene-d10	19.42	212	1434024	23.00	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	1420067	20.49	ng/ul	0.01
Target Compounds						Qvalue
25) Phenanthrene	17.06	178	646623	8.30	ng/ul	98
27) Anthracene	17.14	178	144813	1.81	ng/ul	98
28) Fluoranthene	19.09	202	1735357	18.96	ng/ul	98
31) Pyrene	19.45	202	1643408	19.83	ng/ul#	96
32) Benzo(a)anthracene	21.20	228	1182637	14.26	ng/ul	98
33) Chrysene	21.26	228	1454484	19.02	ng/ul	96
35) Benzo(b)fluoranthene	22.77	252	2709040	29.99	ng/ul	99
36) Benzo(k)fluoranthene	22.81	252	747978m	8.56	ng/ul	
38) Benzo(a)pyrene	23.34	252	1832613	20.85	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.65	276	1586320	15.58	ng/ul	99
40) Dibenzo(a,h)anthracene	25.64	278	430411m	5.10	ng/ul	
41) Benzo(g,h,i)perylene	26.33	276	1618849	18.55	ng/ul	98

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

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