Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031518\
Data File : BM014599.D
Acq On : 16 Mar 2018 04:52
Operator : SJ/JU
Sample : J1904-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEL38

Manual Integrations APPROVED
Sohil
3/16/2018 5:10:13 PM

Quant Time: Mar 26 12:10:48 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031518-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 16 15:09:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	103061	20.00	ng/ul	0.00
2) Naphthalene-d8	10.22	136	404836	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	208455	20.00	ng/ul	0.00
12) Phenanthrene-d10	16.89	188	416669	20.00	ng/ul	0.00
18) Chrysene-d12	21.12	240	408205	20.00	ng/ul	0.00
23) Perylene-d12	23.30	264	460799	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	9.90	165	119282	19.06	ng/ul	0.01
7) Acenaphthylene-d8	13.81	160	494528	22.20	ng/ul	0.00
10) Fluorene-d10	15.13	176	327799	22.46	ng/ul	0.00
15) Anthracene-d10	16.99	188	463274	23.22	ng/ul	0.00
19) Pyrene-d10	19.31	212	469479	19.13	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.16	264	489765	21.97	ng/ul	0.02
Target Compounds						Qvalue
8) Acenaphthylene	13.84	152	189856	9.181	ng/ul	95
9) Acenaphthene	14.19	153	23568	1.665	ng/ul	95
11) Fluorene	15.19	166	46257	2.758	ng/ul#	86
14) Phenanthrene	16.93	178	667308	28.597	ng/ul	99
16) Anthracene	17.03	178	289684	12.419	ng/ul	98
17) Fluoranthene	18.97	202	989185	37.346	ng/ul	98
20) Pyrene	19.34	202	1269226	41.343	ng/ul	99
21) Benzo(a)anthracene	21.10	228	636682	24.664	ng/ul#	94
22) Chrysene	21.16	228	619386	26.095	ng/ul	95
24) Benzo(b)fluoranthene	22.66	252	851609	29.396	ng/ul#	96
25) Benzo(k)fluoranthene	22.69	252	176733m	6.421	ng/ul	
27) Benzo(a)pyrene	23.21	252	730512	26.565	ng/ul#	93
28) Indeno(1,2,3-cd)pyrene	25.49	276	438092	13.842	ng/ul#	89
29) Dibenzo(a,h)anthracene	25.49	278	155074m	5.854	ng/ul	
30) Benzo(g,h,i)perylene	26.16	276	549691	21.804	ng/ul#	89

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

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