Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040817\
Data File : BM009637.D
Acq On : 07 Apr 2017 20:02
Operator : SJ/MA
Sample : I2525-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB353

Manual Integrations APPROVED
mohammad
4/10/2017 1:24:09 PM

Quant Time: Apr 08 01:51:40 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 08 01:45:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	170354	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	656236	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	374191	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.24	188	852938	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	1066743	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	1036971	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	303023	30.03	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	1193247	32.54	ng/ul	0.00
10) Fluorene-d10	15.48	176	826382	31.33	ng/ul	0.00
15) Anthracene-d10	17.34	188	1305765m	32.00	ng/ul	0.00
19) Pyrene-d10	19.63	212	1530330	34.91	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.60	264	1500404	32.77	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.69	128	62040	1.84	ng/ul	94
5) 2-Methylnaphthalene	12.30	142	35154	1.43	ng/ul	99
8) Acenaphthylene	14.21	152	37197	1.01	ng/ul	99
9) Acenaphthene	14.55	153	46127	1.82	ng/ul	91
11) Fluorene	15.53	166	50639	1.64	ng/ul	86
14) Phenanthrene	17.28	178	982024	20.48	ng/ul	98
16) Anthracene	17.37	178	212154	4.28	ng/ul	97
17) Fluoranthene	19.30	202	1688392	28.27	ng/ul#	95
20) Pyrene	19.66	202	1611127	27.74	ng/ul	96
21) Benzo(a)anthracene	21.40	228	885758	14.69	ng/ul	99
22) Chrysene	21.46	228	924663	16.73	ng/ul	97
24) Benzo(b)fluoranthene	23.04	252	1421550	22.17	ng/ul	98
25) Benzo(k)fluoranthene	23.08	252	381622m	6.25	ng/ul	
27) Benzo(a)pyrene	23.64	252	967155m	15.86	ng/ul	
28) Indeno(1,2,3-cd)pyrene	26.11	276	744899	10.90	ng/ul#	94
29) Dibenzo(a,h)anthracene	26.11	278	207394	3.57	ng/ul	93
30) Benzo(g,h,i)perylene	26.84	276	810341	14.38	ng/ul#	93

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

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