Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032522.D
Acq On : 15 Oct 2021 12:52
Operator : CG/JU
Sample : M4030-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00U5

Manual Integrations APPROVED
mohammad
10/18/2021 12:41:14 PM

Quant Time: Oct 15 13:23:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 15 12:37:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.556	152	4484	0.40	ng/ul	0.00
4) Naphthalene-d8	10.343	136	14479	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.217	164	7758	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.949	188	15550	0.40	ng/ul	0.00
17) Chrysene-d12	21.130	240	11475	0.40	ng/ul	0.00
23) Perylene-d12	23.271	264	9306	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.923	96	10474	2.08	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	2543	0.13	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	5493	0.15	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.393	128	3698	0.08	ng/ul#	94
7) 2-Methylnaphthalene	12.017	142	2396	0.08	ng/ul	100
8) 1-Methylnaphthalene	12.237	142	1264	0.04	ng/ul	99
10) Acenaphthylene	13.933	152	1123	0.03	ng/ul#	86
11) Acenaphthene	14.277	153	625	0.02	ng/ul	96
12) Fluorene	15.263	166	1065	0.03	ng/ul#	95
15) Phenanthrene	16.991	178	22465	0.43	ng/ul	100
16) Anthracene	17.078	178	2682	0.06	ng/ul#	93
19) Fluoranthene	19.007	202	47889	0.84	ng/ul	99
20) Pyrene	19.370	202	43185	0.74	ng/ul	100
21) Benzo(a)anthracene	21.116	228	15587	0.35	ng/ul	97
22) Chrysene	21.166	228	19690	0.40	ng/ul	98
24) Benzo(b)fluoranthene	22.636	252	20887m	0.49	ng/ul	
25) Benzo(k)fluoranthene	22.672	252	8827m	0.21	ng/ul	
26) Benzo(a)pyrene	23.174	252	13733	0.38	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.374	276	7985	0.18	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.376	278	1839	0.05	ng/ul#	49
29) Benzo(g,h,i)perylene	26.016	276	7457	0.19	ng/ul	96

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

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