Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
Data File : BM032364.D
Acq On : 07 Oct 2021 19:44
Operator : CG/JU
Sample : M3879-12MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW411MSD

Quant Time: Oct 08 03:35:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 15:38:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.626	152	5521	0.400	ng/ul	0.00
4) Naphthalene-d8	10.411	136	19412	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.270	164	10276	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.995	188	20934	0.400	ng/ul	0.00
17) Chrysene-d12	21.157	240	17829	0.400	ng/ul	0.00
23) Perylene-d12	23.300	264	16387	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.968	96	1435	0.242	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.003	152	4737	0.183	ng/ul	0.00
18) Fluoranthene-d10	19.015	212	10590	0.219	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.003	88	3794	0.621	ng/ul	89
5) Naphthalene	10.461	128	10081	0.175	ng/ul	97
7) 2-Methylnaphthalene	12.080	142	6023	0.163	ng/ul	99
8) 1-Methylnaphthalene	12.300	142	5431	0.151	ng/ul	99
10) Acenaphthylene	13.991	152	5252	0.127	ng/ul#	85
11) Acenaphthene	14.331	153	5503	0.145	ng/ul	99
12) Fluorene	15.313	166	5985	0.139	ng/ul	99
14) Pentachlorophenol	16.668	266	32	0.006	ng/ul#	25
15) Phenanthrene	17.036	178	16622	0.244	ng/ul	100
16) Anthracene	17.127	178	8765	0.156	ng/ul	97
19) Fluoranthene	19.046	202	30228	0.406	ng/ul	98
20) Pyrene	19.408	202	28401	0.381	ng/ul	99
21) Benzo(a)anthracene	21.140	228	17240	0.273	ng/ul	99
22) Chrysene	21.193	228	21599	0.293	ng/ul	99
24) Benzo(b)fluoranthene	22.663	252	26385	0.310	ng/ul	86
25) Benzo(k)fluoranthene	22.702	252	16552	0.201	ng/ul#	91
26) Benzo(a)pyrene	23.206	252	17917	0.281	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.420	276	18004	0.220	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.423	278	9466	0.142	ng/ul	93
29) Benzo(g,h,i)perylene	26.069	276	15313	0.198	ng/ul	95

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

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