Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120524\
Data File : BM048896.D
Acq On : 07 Dec 2024 14:35
Operator : RC/JU
Sample : P5114-06MSD
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1PK0MSD

Quant Time: Dec 08 21:47:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 00:05:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.590	152	4949	0.400	ng/ul	0.00
4) Naphthalene-d8	10.352	136	14384	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.223	164	8153	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.971	188	16007	0.400	ng/ul	0.00
17) Chrysene-d12	21.167	240	10137	0.400	ng/ul	0.00
23) Perylene-d12	23.338	264	9318	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	1400	0.221	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.952	152	6180	0.357	ng/ul	-0.01
18) Fluoranthene-d10	19.005	212	13768	0.440	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	4246	0.568	ng/ul#	83
5) Naphthalene	10.402	128	11290	0.311	ng/ul	100
7) 2-Methylnaphthalene	12.024	142	6929	0.330	ng/ul	98
8) 1-Methylnaphthalene	12.249	142	7150	0.322	ng/ul	100
10) Acenaphthylene	13.941	152	10493	0.294	ng/ul	99
11) Acenaphthene	14.288	153	7938	0.308	ng/ul	97
12) Fluorene	15.278	166	9053	0.339	ng/ul	99
14) Pentachlorophenol	16.625	266	2007	1.450	ng/ul#	3
15) Phenanthrene	17.013	178	15070	0.371	ng/ul	99
16) Anthracene	17.106	178	12651	0.350	ng/ul	98
19) Fluoranthene	19.033	202	17764	0.381	ng/ul	99
20) Pyrene	19.396	202	18266	0.377	ng/ul	100
21) Benzo(a)anthracene	21.152	228	13402	0.468	ng/ul	98
22) Chrysene	21.202	228	16042	0.354	ng/ul	99
24) Benzo(b)fluoranthene	22.692	252	13751	0.525	ng/ul	95
25) Benzo(k)fluoranthene	22.736	252	15713	0.428	ng/ul	96
26) Benzo(a)pyrene	23.241	252	11353	0.423	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.497	276	15693	0.442	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.514	278	12025	0.454	ng/ul	93
29) Benzo(g,h,i)perylene	26.145	276	12815	0.417	ng/ul	95

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

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