Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049272.D
Acq On : 28 Dec 2024 02:00
Operator : RC/JU
Sample : P5378-05MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YE634MSD

Quant Time: Dec 28 02:42:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.543	152	4543	0.400	ng/ul	0.00
4) Naphthalene-d8	10.303	136	14724	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.177	164	9415	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.929	188	21764	0.400	ng/ul	0.00
17) Chrysene-d12	21.134	240	20764	0.400	ng/ul	0.00
23) Perylene-d12	23.285	264	21662	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.138	96	2294	0.438	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.903	152	5438	0.275	ng/ul	0.00
18) Fluoranthene-d10	18.964	212	14876	0.253	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.172	88	6397	1.045	ng/ul#	79
5) Naphthalene	10.352	128	13128	0.356	ng/ul	99
7) 2-Methylnaphthalene	11.974	142	7069	0.303	ng/ul	100
8) 1-Methylnaphthalene	12.200	142	6840	0.286	ng/ul	99
10) Acenaphthylene	13.895	152	8971	0.230	ng/ul	96
11) Acenaphthene	14.242	153	7085	0.249	ng/ul	99
12) Fluorene	15.236	166	8417	0.262	ng/ul	99
14) Pentachlorophenol	16.591	266	2742	0.456	ng/ul	94
15) Phenanthrene	16.971	178	15674	0.276	ng/ul	97
16) Anthracene	17.064	178	13097	0.251	ng/ul	97
19) Fluoranthene	18.996	202	22201	0.296	ng/ul	99
20) Pyrene	19.359	202	24809	0.310	ng/ul	100
21) Benzo(a)anthracene	21.117	228	18461	0.256	ng/ul	98
22) Chrysene	21.169	228	20168	0.260	ng/ul	97
24) Benzo(b)fluoranthene	22.648	252	18760	0.271	ng/ul	88
25) Benzo(k)fluoranthene	22.689	252	19158	0.252	ng/ul#	87
26) Benzo(a)pyrene	23.192	252	16277	0.245	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.417	276	21454	0.228	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.434	278	16400	0.225	ng/ul	96
29) Benzo(g,h,i)perylene	26.061	276	17547	0.232	ng/ul	99

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

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