Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121024\
Data File : BM048920.D
Acq On : 10 Dec 2024 13:09
Operator : RC/JU
Sample : P5107-22MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHJ99MSD

Quant Time: Dec 10 13:43:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 17:52:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.586	152	3025	0.400	ng/ul	0.00
4) Naphthalene-d8	10.353	136	8146	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.220	164	4311	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.968	188	8528	0.400	ng/ul	0.00
17) Chrysene-d12	21.163	240	7301	0.400	ng/ul	0.00
23) Perylene-d12	23.332	264	7589	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	1052	0.298	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.948	152	3572	0.344	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	8398	0.385	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.197	88	3487	0.852	ng/ul#	90
5) Naphthalene	10.397	128	6825	0.327	ng/ul	98
7) 2-Methylnaphthalene	12.020	142	4029	0.316	ng/ul	99
8) 1-Methylnaphthalene	12.245	142	4168	0.321	ng/ul	100
10) Acenaphthylene	13.938	152	6104	0.335	ng/ul	99
11) Acenaphthene	14.285	153	4704	0.341	ng/ul	99
12) Fluorene	15.275	166	5319	0.348	ng/ul	97
14) Pentachlorophenol	16.622	266	694	0.395	ng/ul	95
15) Phenanthrene	17.006	178	8652	0.370	ng/ul	99
16) Anthracene	17.099	178	7425	0.356	ng/ul	98
19) Fluoranthene	19.030	202	10723	0.354	ng/ul	99
20) Pyrene	19.392	202	11892	0.364	ng/ul	99
21) Benzo(a)anthracene	21.146	228	9296	0.362	ng/ul	98
22) Chrysene	21.195	228	11780	0.405	ng/ul	100
24) Benzo(b)fluoranthene	22.686	252	10631	0.405	ng/ul	98
25) Benzo(k)fluoranthene	22.729	252	12298	0.405	ng/ul	99
26) Benzo(a)pyrene	23.235	252	9100	0.375	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.487	276	13306	0.391	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.507	278	10239	0.386	ng/ul	98
29) Benzo(g,h,i)perylene	26.134	276	11110	0.405	ng/ul	98

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

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