Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041024\
Data File : BM045104.D
Acq On : 10 Apr 2024 18:00
Operator : MA/JU
Sample : P1973-11MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YCSS0MSD

Quant Time: Apr 10 19:18:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 10 11:09:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.631	152	1278	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.402	136	4024	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.270	164	2208	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.035	188	4708	0.400	ng/ul	-0.02
17) Chrysene-d12	21.243	240	4181	0.400	ng/ul	-0.01
23) Perylene-d12	23.464	264	4877	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	354	0.211	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.997	152	2152	0.395	ng/ul	-0.03
18) Fluoranthene-d10	19.075	212	5610	0.531	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.243	88	1864	1.158	ng/ul#	82
5) Naphthalene	10.452	128	4378	0.410	ng/ul	98
7) 2-Methylnaphthalene	12.074	142	2762	0.433	ng/ul	99
8) 1-Methylnaphthalene	12.288	142	2901	0.417	ng/ul	98
10) Acenaphthylene	13.992	152	4524	0.411	ng/ul	99
11) Acenaphthene	14.335	153	3375	0.428	ng/ul	98
12) Fluorene	15.334	166	3788	0.428	ng/ul	98
14) Pentachlorophenol	16.693	266	998	0.904	ng/ul	96
15) Phenanthrene	17.077	178	6079	0.459	ng/ul	100
16) Anthracene	17.170	178	5820	0.446	ng/ul	99
19) Fluoranthene	19.103	202	8065	0.540	ng/ul#	80
20) Pyrene	19.466	202	8348	0.529	ng/ul	95
21) Benzo(a)anthracene	21.228	228	7076	0.486	ng/ul	98
22) Chrysene	21.281	228	7796	0.429	ng/ul	99
24) Benzo(b)fluoranthene	22.800	252	7884	0.448	ng/ul	91
25) Benzo(k)fluoranthene	22.844	252	8318	0.422	ng/ul#	89
26) Benzo(a)pyrene	23.370	252	7320	0.435	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.699	276	9700	0.421	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.716	278	7707	0.422	ng/ul	93
29) Benzo(g,h,i)perylene	26.376	276	8128	0.409	ng/ul	95

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

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