Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041324\
Data File : BM045214.D
Acq On : 13 Apr 2024 20:41
Operator : MA/JU
Sample : P2014-22MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0ME5MSD

Quant Time: Apr 15 00:36:36 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 : Mon Apr 15 00:32:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	1120	0.400	ng/ul	0.00
4) Naphthalene-d8	10.407	136	3245	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.266	164	1666	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.031	188	3712	0.400	ng/ul	0.00
17) Chrysene-d12	21.242	240	3500	0.400	ng/ul	0.00
23) Perylene-d12	23.460	264	4277	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.209	96	385	0.262	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.008	152	1840	0.418	ng/ul	0.01
18) Fluoranthene-d10	19.067	212	4819	0.545	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	1097	0.778	ng/ul	90
5) Naphthalene	10.457	128	3782	0.439	ng/ul	96
7) 2-Methylnaphthalene	12.085	142	2209	0.430	ng/ul	99
8) 1-Methylnaphthalene	12.294	142	2266	0.404	ng/ul	94
10) Acenaphthylene	13.988	152	3649	0.439	ng/ul	96
11) Acenaphthene	14.331	153	2668	0.448	ng/ul	98
12) Fluorene	15.334	166	3050	0.457	ng/ul	99
14) Pentachlorophenol	16.698	266	1085	1.247	ng/ul	99
15) Phenanthrene	17.073	178	5291	0.506	ng/ul	98
16) Anthracene	17.175	178	5164	0.502	ng/ul	97
19) Fluoranthene	19.099	202	6791	0.543	ng/ul	99
20) Pyrene	19.462	202	7284	0.551	ng/ul	98
21) Benzo(a)anthracene	21.230	228	6049	0.496	ng/ul	98
22) Chrysene	21.277	228	7981	0.525	ng/ul	98
24) Benzo(b)fluoranthene	22.793	252	7623	0.494	ng/ul	97
25) Benzo(k)fluoranthene	22.843	252	9271	0.536	ng/ul	98
26) Benzo(a)pyrene	23.369	252	7639	0.518	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.698	276	9872	0.488	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.721	278	7862	0.491	ng/ul	95
29) Benzo(g,h,i)perylene	26.369	276	8721	0.500	ng/ul	98

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

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