Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041824\
Data File : BM045393.D
Acq On : 19 Apr 2024 15:01
Operator : MA/JU
Sample : P2032-19MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0MG3MSD

Quant Time: Apr 19 15:55:48 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 : Thu Apr 18 22:19:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.606	152	652	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.375	136	2129	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.228	164	1063	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.997	188	2309	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.205	240	2176	0.400	ng/ul	#-0.01
23) Perylene-d12	23.403	264	2960	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.188	96	244	0.285	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.975	152	900	0.312	ng/ul	-0.02
18) Fluoranthene-d10	19.034	212	2295	0.417	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.213	88	627	0.764	ng/ul#	77
5) Naphthalene	10.424	128	1865	0.330	ng/ul#	89
7) 2-Methylnaphthalene	12.046	142	1175	0.348	ng/ul	95
8) 1-Methylnaphthalene	12.261	142	1215	0.330	ng/ul	97
10) Acenaphthylene	13.955	152	1911	0.360	ng/ul	95
11) Acenaphthene	14.293	153	1411	0.372	ng/ul	97
12) Fluorene	15.301	166	1582	0.372	ng/ul#	96
14) Pentachlorophenol	16.655	266	494	0.912	ng/ul	98
15) Phenanthrene	17.039	178	2654	0.408	ng/ul	95
16) Anthracene	17.136	178	2483	0.388	ng/ul	94
19) Fluoranthene	19.066	202	3394	0.436	ng/ul#	95
20) Pyrene	19.429	202	3619	0.441	ng/ul#	93
21) Benzo(a)anthracene	21.193	228	3235	0.427	ng/ul	96
22) Chrysene	21.240	228	4011	0.424	ng/ul	96
24) Benzo(b)fluoranthene	22.748	252	4253	0.398	ng/ul	91
25) Benzo(k)fluoranthene	22.792	252	4951	0.414	ng/ul#	88
26) Benzo(a)pyrene	23.312	252	4138	0.405	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.612	276	5950	0.425	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.625	278	4691	0.423	ng/ul#	89
29) Benzo(g,h,i)perylene	26.279	276	5134	0.426	ng/ul#	94

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

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