Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045587.D
Acq On : 26 Apr 2024 11:43
Operator : MA/JU
Sample : P2037-24DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 26 12:35:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
E1CX9DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	1026	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	2696	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.196	164	1320	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.959	188	2710	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.181	240	2472	0.400	ng/ul	#-0.01
23) Perylene-d12	23.367	264	3851	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	1150	0.836	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.925	152	206	0.058	ng/ul	0.00
18) Fluoranthene-d10	19.001	212	460	0.059	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.364	128	1394	0.193	ng/ul	94
7) 2-Methylnaphthalene	11.997	142	279	0.067	ng/ul	94
8) 1-Methylnaphthalene	12.211	142	232	0.050	ng/ul	86
10) Acenaphthylene	13.909	152	324	0.050	ng/ul#	1
11) Acenaphthene	14.261	153	152	0.031	ng/ul#	80
12) Fluorene	15.260	166	141	0.027	ng/ul#	59
15) Phenanthrene	17.001	178	3113m	0.394	ng/ul	
16) Anthracene	17.098	178	379m	0.051	ng/ul	
19) Fluoranthene	19.033	202	4420	0.387	ng/ul	99
20) Pyrene	19.396	202	4784	0.408	ng/ul	95
21) Benzo(a)anthracene	21.164	228	1499	0.190	ng/ul#	55
22) Chrysene	21.216	228	2348	0.193	ng/ul#	63
24) Benzo(b)fluoranthene	22.718	252	3297	0.255	ng/ul#	1
25) Benzo(k)fluoranthene	22.759	252	1253m	0.077	ng/ul	
26) Benzo(a)pyrene	23.274	252	1755	0.131	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.558	276	1826	0.094	ng/ul#	89
29) Benzo(g,h,i)perylene	26.222	276	1655	0.094	ng/ul#	1

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

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