Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045553.D
Acq On : 25 Apr 2024 07:44
Operator : MA/JU
Sample : P2104-17
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Apr 25 08:14:40 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 :
C0AC9

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2024
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	929	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	2458	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.200	164	1272	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.963	188	2588m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.184	240	2287	0.400	ng/ul	0.00
23) Perylene-d12	23.367	264	3015m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	4285	3.441	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.920	152	779	0.240	ng/ul	-0.01
18) Fluoranthene-d10	19.006	212	1575	0.219	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.358	128	1121	0.170	ng/ul	99
7) 2-Methylnaphthalene	11.997	142	491	0.130	ng/ul	95
8) 1-Methylnaphthalene	12.217	142	339	0.080	ng/ul	99
10) Acenaphthylene	13.918	152	2835	0.452	ng/ul	98
11) Acenaphthene	14.265	153	273	0.059	ng/ul	92
12) Fluorene	15.264	166	433	0.087	ng/ul#	90
15) Phenanthrene	17.001	178	4807m	0.638	ng/ul	
16) Anthracene	17.098	178	2331	0.331	ng/ul	96
19) Fluoranthene	19.038	202	8955	0.848	ng/ul#	90
20) Pyrene	19.401	202	7628	0.703	ng/ul	94
21) Benzo(a)anthracene	21.167	228	5878	0.804	ng/ul	97
22) Chrysene	21.219	228	10321	0.918	ng/ul	99
24) Benzo(b)fluoranthene	22.715	252	24175	2.384	ng/ul	89
25) Benzo(k)fluoranthene	22.759	252	7914m	0.618	ng/ul	
26) Benzo(a)pyrene	23.274	252	16449	1.564	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.551	276	22536	1.474	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.555	278	5799	0.478	ng/ul	97
29) Benzo(g,h,i)perylene	26.219	276	22845	1.663	ng/ul	93

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

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