Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041024\
Data File : BM045100.D
Acq On : 10 Apr 2024 15:34
Operator : MA/JU
Sample : PB160095BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS095

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

Quant Time: Apr 10 17:06:33 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	7.652	152	1116	0.400	ng/ul	0.00
4) Naphthalene-d8	10.430	136	3722	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.284	164	1982	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.056	188	4020	0.400	ng/ul	0.00
17) Chrysene-d12	21.257	240	2962	0.400	ng/ul	# 0.00
23) Perylene-d12	23.479	264	3684	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.209	96	1279	0.872	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.035	152	2168	0.430	ng/ul	0.00
18) Fluoranthene-d10	19.089	212	4154	0.555	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	3582	2.549	ng/ul#	80
5) Naphthalene	10.479	128	4364	0.442	ng/ul	97
7) 2-Methylnaphthalene	12.112	142	2603	0.441	ng/ul	98
8) 1-Methylnaphthalene	12.316	142	2709	0.421	ng/ul	98
10) Acenaphthylene	14.006	152	4420	0.447	ng/ul	98
11) Acenaphthene	14.348	153	3179	0.449	ng/ul	99
12) Fluorene	15.357	166	3388	0.427	ng/ul	100
14) Pentachlorophenol	16.718	266	866	0.919	ng/ul	98
15) Phenanthrene	17.094	178	5104	0.451	ng/ul	98
16) Anthracene	17.203	178	5191	0.466	ng/ul	97
19) Fluoranthene	19.117	202	6094	0.576	ng/ul	96
20) Pyrene	19.480	202	6431	0.575	ng/ul	96
21) Benzo(a)anthracene	21.249	228	4401	0.427	ng/ul	97
22) Chrysene	21.295	228	6350	0.493	ng/ul	99
24) Benzo(b)fluoranthene	22.812	252	5655	0.425	ng/ul	96
25) Benzo(k)fluoranthene	22.859	252	6905m	0.463	ng/ul	
26) Benzo(a)pyrene	23.388	252	5799	0.457	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.729	276	7447	0.428	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.753	278	5648	0.410	ng/ul#	88
29) Benzo(g,h,i)perylene	26.397	276	6942	0.462	ng/ul	95

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

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