Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046413.D
Acq On : 06 Jul 2024 11:31
Operator : MA/JU
Sample : P2982-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CF4

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 08 00:47:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.535	152	11459	0.400	ng/ul	0.00
4) Naphthalene-d8	10.298	136	33812	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.178	164	21246	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.934	188	32179	0.400	ng/ul	0.00
17) Chrysene-d12	21.149	240	12287	0.400	ng/ul	# 0.00
23) Perylene-d12	23.305	264	21145	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	28747	2.429	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152	12986	0.260	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	11854	0.275	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.348	128	150911	1.681	ng/ul	99
7) 2-Methylnaphthalene	11.976	142	127821	2.106	ng/ul	98
8) 1-Methylnaphthalene	12.196	142	142056	2.271	ng/ul	99
10) Acenaphthylene	13.896	152	875695	8.121	ng/ul	100
11) Acenaphthene	14.243	153	198401	2.822	ng/ul	98
12) Fluorene	15.238	166	599673	7.226	ng/ul	99
14) Pentachlorophenol	16.592	266	214	0.023	ng/ul	93
15) Phenanthrene	16.985	178	8777140	91.083	ng/ul	100
16) Anthracene	17.069	178	2068920	22.135	ng/ul	100
19) Fluoranthene	19.016	202	10842801	174.582	ng/ul	98
20) Pyrene	19.378	202	9097849	142.367	ng/ul	97
21) Benzo(a)anthracene	21.131	228	4289355	78.132	ng/ul	93
22) Chrysene	21.184	228	3691436	67.628	ng/ul	97
24) Benzo(b)fluoranthene	22.677	252	4136487m	46.014	ng/ul	
25) Benzo(k)fluoranthene	22.709	252	1446838m	15.944	ng/ul	
26) Benzo(a)pyrene	23.218	252	1865325m	26.252	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.463	276	1478091	15.398	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.473	278	486026	6.545	ng/ul	97
29) Benzo(g,h,i)perylene	26.107	276	216404	2.827	ng/ul	96

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

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