Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038077.D
Acq On : 16 Dec 2022 21:21
Operator : CG/JU
Sample : N5925-16
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBYA3

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

Quant Time: Dec 16 23:22:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:53:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	4784	0.400	ng/ul	0.00
4) Naphthalene-d8	10.873	136	15692	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	9371	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	20241	0.400	ng/ul	0.00
17) Chrysene-d12	21.586	240	16026	0.400	ng/ul	0.00
23) Perylene-d12	24.038	264	15587	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	21209	3.244	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.451	152	5726	0.250	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	13303	0.229	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.922	128	18055	0.380	ng/ul	99
7) 2-Methylnaphthalene	12.522	142	11682	0.400	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	12696	0.425	ng/ul	100
10) Acenaphthylene	14.402	152	27578	0.561	ng/ul	99
11) Acenaphthene	14.740	153	58943	1.583	ng/ul	100
12) Fluorene	15.726	166	67431	1.635	ng/ul	98
14) Pentachlorophenol	17.071	266	567	0.068	ng/ul	95
15) Phenanthrene	17.460	178	1226911	17.999	ng/ul	99
16) Anthracene	17.548	178	250812	3.979	ng/ul	99
19) Fluoranthene	19.469	202	2201984	26.602	ng/ul#	94
20) Pyrene	19.831	202	1616839m	19.134	ng/ul	
21) Benzo(a)anthracene	21.568	228	830092	11.989	ng/ul	99
22) Chrysene	21.624	228	784901	11.238	ng/ul	97
24) Benzo(b)fluoranthene	23.290	252	1003795	13.579	ng/ul	88
25) Benzo(k)fluoranthene	23.334	252	337943m	4.737	ng/ul	
26) Benzo(a)pyrene	23.933	252	586563	9.422	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.602	276	391051	5.004	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.609	278	101031	1.660	ng/ul	96
29) Benzo(g,h,i)perylene	27.404	276	266372	4.013	ng/ul	96

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

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