Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
Data File : BM041618.D
Acq On : 31 Aug 2023 16:14
Operator : MA/JU
Sample : PB155127BS
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS127

Quant Time: Sep 01 02:09:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 30 01:50:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	7479	0.400	ng/ul	0.00
4) Naphthalene-d8	10.939	136	17269	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.745	164	6865	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.498	188	12522	0.400	ng/ul	0.00
17) Chrysene-d12	21.682	240	4088	0.400	ng/ul	0.00
23) Perylene-d12	24.240	264	3982	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	7129	0.646	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	7571	0.363	ng/ul	-0.01
18) Fluoranthene-d10	19.520	212	7723	0.383	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.486	88	17109	1.453	ng/ul#	84
5) Naphthalene	10.988	128	18198	0.330	ng/ul	100
7) 2-Methylnaphthalene	12.588	142	10357	0.331	ng/ul	99
8) 1-Methylnaphthalene	12.803	142	11018	0.348	ng/ul	99
10) Acenaphthylene	14.472	152	15557	0.325	ng/ul	99
11) Acenaphthene	14.810	153	11021	0.334	ng/ul	99
12) Fluorene	15.795	166	11901	0.331	ng/ul	97
14) Pentachlorophenol	17.118	266	2575	0.535	ng/ul	98
15) Phenanthrene	17.540	178	17881	0.327	ng/ul	99
16) Anthracene	17.633	178	15338	0.323	ng/ul	99
19) Fluoranthene	19.548	202	17687	0.330	ng/ul	100
20) Pyrene	19.915	202	17242	0.320	ng/ul	99
21) Benzo(a)anthracene	21.664	228	10985	0.301	ng/ul	99
22) Chrysene	21.720	228	11929	0.304	ng/ul	99
24) Benzo(b)fluoranthene	23.442	252	11615	0.314	ng/ul	100
25) Benzo(k)fluoranthene	23.497	252	11140	0.317	ng/ul	99
26) Benzo(a)pyrene	24.123	252	9763	0.296	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.938	276	12707	0.289	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.971	278	8691	0.294	ng/ul	98
29) Benzo(g,h,i)perylene	27.779	276	10978	0.297	ng/ul	99

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

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