Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
Data File : BM041080.D
Acq On : 24 Jul 2023 18:13
Operator : MA/JU
Sample : PB154140BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS140

Quant Time: Jul 25 00:30:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 00:13:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	2745	0.400	ng/ul	0.00
4) Naphthalene-d8	10.636	136	9093	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.495	164	4863	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.249	188	10431	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	9781	0.400	ng/ul	0.00
23) Perylene-d12	23.839	264	9932	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.250	96	26108	6.165	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.198	152	21423	1.650	ng/ul	-0.05
18) Fluoranthene-d10	19.283	212	9914	0.372	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.284	88	57379	13.261	ng/ul#	42
5) Naphthalene	10.686	128	779230	26.333	ng/ul	97
7) 2-Methylnaphthalene	12.308	142	473545	32.668	ng/ul	96
8) 1-Methylnaphthalene	12.528	142	461736	31.011	ng/ul	99
10) Acenaphthylene	14.213	152	719102	35.005	ng/ul	97
11) Acenaphthene	14.555	153	527489	30.432	ng/ul	98
12) Fluorene	15.545	166	628103	33.202	ng/ul	98
14) Pentachlorophenol	16.902	266	135745	44.714	ng/ul	98
15) Phenanthrene	17.291	178	955703	29.723	ng/ul	98
16) Anthracene	17.384	178	970895	37.298	ng/ul	97
19) Fluoranthene	19.315	202	1170181	33.381	ng/ul	97
20) Pyrene	19.682	202	1205027	31.176	ng/ul	96
21) Benzo(a)anthracene	21.434	228	1196314	36.585	ng/ul	99
22) Chrysene	21.486	228	1116700	29.569	ng/ul	99
24) Benzo(b)fluoranthene	23.108	252	1260544	31.852	ng/ul	86
25) Benzo(k)fluoranthene	23.155	252	1247280	33.016	ng/ul#	86
26) Benzo(a)pyrene	23.728	252	1089461	33.985	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.300	276	1538039	32.406	ng/ul	100
28) Dibenzo(a,h)anthracene	26.310	278	1225064	32.908	ng/ul#	89
29) Benzo(g,h,i)perylene	27.055	276	1325947	31.260	ng/ul	95

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

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