Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048354.D
Acq On : 31 Oct 2024 12:44
Operator : RC/JU
Sample : SSTD0.803
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

Quant Time: Oct 31 14:52:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:50:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.733	152	3880	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.513	136	12136	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.359	164	6799	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.112	188	13282	0.400	ng/ul	0.00
17) Chrysene-d12	21.289	240	13417	0.400	ng/ul	0.00
23) Perylene-d12	23.531	264	13245	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	3757	0.725	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.119	152	12131	0.725	ng/ul	-0.02
18) Fluoranthene-d10	19.132	212	26401	0.686	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.202	88	4254	0.700	ng/ul	90
5) Naphthalene	10.563	128	24508	0.744	ng/ul	97
7) 2-Methylnaphthalene	12.190	142	14764	0.781	ng/ul	99
8) 1-Methylnaphthalene	12.399	142	15594	0.722	ng/ul	95
10) Acenaphthylene	14.081	152	20804	0.679	ng/ul	98
11) Acenaphthene	14.423	153	16722	0.750	ng/ul	100
12) Fluorene	15.423	166	18493	0.769	ng/ul	98
14) Pentachlorophenol	16.778	266	2957	0.684	ng/ul	96
15) Phenanthrene	17.154	178	27424	0.814	ng/ul	98
16) Anthracene	17.255	178	25756	0.811	ng/ul	98
19) Fluoranthene	19.165	202	35529	0.682	ng/ul	99
20) Pyrene	19.527	202	37879	0.677	ng/ul	100
21) Benzo(a)anthracene	21.274	228	32014	0.765	ng/ul	99
22) Chrysene	21.324	228	39885	0.643	ng/ul	99
24) Benzo(b)fluoranthene	22.852	252	33996	0.669	ng/ul	91
25) Benzo(k)fluoranthene	22.899	252	39830	0.652	ng/ul#	92
26) Benzo(a)pyrene	23.437	252	32930	0.771	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.809	276	46171	0.726	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.826	278	36060	0.740	ng/ul	94
29) Benzo(g,h,i)perylene	26.490	276	38738	0.730	ng/ul	97

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

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