Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121421\
Data File : BM033443.D
Acq On : 14 Dec 2021 16:24
Operator : CG/JU
Sample : SSTD1.619
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

Quant Time: Dec 15 00:48:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 15 00:46:54 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	584	0.400	ng/ul	0.00
4) Naphthalene-d8	10.693	136	1434	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.519	164	939	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.264	188	2309	0.400	ng/ul	-0.02
17) Chrysene-d12	21.424	240	3315	0.400	ng/ul	-0.01
23) Perylene-d12	23.747	264	3177	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.365	96	704	1.180	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.276	152	3129	1.592	ng/ul	-0.03
18) Fluoranthene-d10	19.280	212	11323	1.310	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.396	88	972	1.399	ng/ul#	86
5) Naphthalene	10.742	128	8065	1.834	ng/ul#	90
7) 2-Methylnaphthalene	12.353	142	5190	1.845	ng/ul	96
8) 1-Methylnaphthalene	12.568	142	5207	1.857	ng/ul	98
10) Acenaphthylene	14.246	152	8034	1.676	ng/ul#	92
11) Acenaphthene	14.583	153	6310	1.726	ng/ul	99
12) Fluorene	15.569	166	7009	1.669	ng/ul#	97
14) Pentachlorophenol	16.924	266	1360	1.774	ng/ul	97
15) Phenanthrene	17.302	178	11164	1.472	ng/ul	95
16) Anthracene	17.399	178	10699	1.553	ng/ul#	92
19) Fluoranthene	19.311	202	13469	1.083	ng/ul#	95
20) Pyrene	19.673	202	13988	1.070	ng/ul#	89
21) Benzo(a)anthracene	21.409	228	12227	1.194	ng/ul	96
22) Chrysene	21.460	228	13401	1.116	ng/ul	96
24) Benzo(b)fluoranthene	23.034	252	14056	1.213	ng/ul	89
25) Benzo(k)fluoranthene	23.083	252	14874	1.134	ng/ul#	87
26) Benzo(a)pyrene	23.640	252	12502	1.164	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.097	276	14953	1.064	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.114	278	12637	1.093	ng/ul#	85
29) Benzo(g,h,i)perylene	26.819	276	12964	1.027	ng/ul	95

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

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