Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043299.D
Acq On : 13 Dec 2023 13:49
Operator : MA/JU
Sample : 05673-02MS
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHEH8MS

Quant Time: Dec 13 14:38:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 16:25:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	6328	0.400	ng/ul	0.00
4) Naphthalene-d8	10.807	136	20904	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.624	164	10806	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.362	188	22118	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.533	240	14011	0.400	ng/ul	# 0.00
23) Perylene-d12	23.953	264	14768	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	2016	0.252	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.390	152	9188	0.310	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	21867	0.437	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.435	88	6371	0.795	ng/ul#	85
5) Naphthalene	10.856	128	25001	0.398	ng/ul	100
7) 2-Methylnaphthalene	12.462	142	13464	0.332	ng/ul	100
8) 1-Methylnaphthalene	12.682	142	12722	0.313	ng/ul	100
10) Acenaphthylene	14.347	152	21765	0.366	ng/ul	99
11) Acenaphthene	14.685	153	15922	0.368	ng/ul	98
12) Fluorene	15.670	166	18964	0.387	ng/ul	99
14) Pentachlorophenol	17.008	266	5590	1.141	ng/ul	98
15) Phenanthrene	17.405	178	33095	0.449	ng/ul	99
16) Anthracene	17.498	178	29967	0.447	ng/ul	100
19) Fluoranthene	19.413	202	34709	0.439	ng/ul#	91
20) Pyrene	19.775	202	36262	0.462	ng/ul	94
21) Benzo(a)anthracene	21.518	228	29405	0.478	ng/ul	99
22) Chrysene	21.574	228	30005	0.462	ng/ul	99
24) Benzo(b)fluoranthene	23.214	252	29853	0.445	ng/ul	96
25) Benzo(k)fluoranthene	23.263	252	30967	0.445	ng/ul#	94
26) Benzo(a)pyrene	23.845	252	25727	0.465	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.468	276	31951	0.507	ng/ul#	44
28) Dibenzo(a,h)anthracene	26.495	278	25603	0.513	ng/ul	96
29) Benzo(g,h,i)perylene	27.239	276	27152	0.505	ng/ul	97

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

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