Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030425\
Data File : BM049690.D
Acq On : 04 Mar 2025 11:16
Operator : RC/JU
Sample : SSTD0.8057
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8044

Quant Time: Mar 04 12:04:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM030425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 04 11:57:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	8063	0.400	ng/ul	0.00
4) Naphthalene-d8	10.600	136	21354	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.445	164	11686	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.186	188	21331	0.400	ng/ul	0.00
17) Chrysene-d12	21.365	240	16127	0.400	ng/ul	0.00
23) Perylene-d12	23.651	264	17268	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	7453	0.820	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	25006	0.848	ng/ul	0.00
18) Fluoranthene-d10	19.215	212	41604	0.843	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.286	88	7909	0.815	ng/ul	89
5) Naphthalene	10.649	128	44100	0.830	ng/ul	99
7) 2-Methylnaphthalene	12.266	142	28636	0.828	ng/ul	100
8) 1-Methylnaphthalene	12.486	142	29267	0.833	ng/ul	100
10) Acenaphthylene	14.163	152	40546	0.816	ng/ul	99
11) Acenaphthene	14.505	153	29590	0.818	ng/ul	98
12) Fluorene	15.491	166	33359	0.812	ng/ul	98
14) Pentachlorophenol	16.840	266	3501	0.812	ng/ul	99
15) Phenanthrene	17.229	178	50127	0.867	ng/ul	98
16) Anthracene	17.317	178	45867	0.867	ng/ul	100
19) Fluoranthene	19.242	202	53108	0.803	ng/ul	99
20) Pyrene	19.605	202	55437	0.807	ng/ul	99
21) Benzo(a)anthracene	21.348	228	45791	0.825	ng/ul	100
22) Chrysene	21.400	228	47854	0.812	ng/ul	99
24) Benzo(b)fluoranthene	22.961	252	47743	0.825	ng/ul	94
25) Benzo(k)fluoranthene	23.008	252	50990	0.794	ng/ul#	93
26) Benzo(a)pyrene	23.551	252	45365	0.862	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.974	276	64472	0.858	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.991	278	50216	0.873	ng/ul	96
29) Benzo(g,h,i)perylene	26.685	276	52311	0.872	ng/ul	98

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

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