Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052824\
Data File : BM045770.D
Acq On : 28 May 2024 21:02
Operator : MA/JU
Sample : SSTD0.842
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Quant Time: May 28 23:51:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM052824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 28 23:49:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.485	152	7002	0.400	ng/ul	0.00
4) Naphthalene-d8	10.259	136	20771	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.126	164	10715	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.870	188	21259	0.400	ng/ul	0.00
17) Chrysene-d12	21.061	240	14436	0.400	ng/ul	0.00
23) Perylene-d12	23.174	264	15481	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.067	96	7312	0.830	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.854	152	23401	0.817	ng/ul	0.00
18) Fluoranthene-d10	18.899	212	40238	1.098	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.096	88	7001	0.829	ng/ul	91
5) Naphthalene	10.308	128	43917	0.798	ng/ul	100
7) 2-Methylnaphthalene	11.925	142	27522	0.814	ng/ul	98
8) 1-Methylnaphthalene	12.151	142	28856	0.807	ng/ul	100
10) Acenaphthylene	13.849	152	40388	0.792	ng/ul	98
11) Acenaphthene	14.191	153	29126	0.812	ng/ul	99
12) Fluorene	15.181	166	32657	0.800	ng/ul	99
14) Pentachlorophenol	16.566	266	829	0.177	ng/ul	95
15) Phenanthrene	16.912	178	48807	0.818	ng/ul	99
16) Anthracene	17.005	178	45965	0.771	ng/ul	99
19) Fluoranthene	18.931	202	53817	1.044	ng/ul	99
20) Pyrene	19.294	202	55390	1.006	ng/ul	99
21) Benzo(a)anthracene	21.044	228	45459	0.796	ng/ul	99
22) Chrysene	21.097	228	47186	0.701	ng/ul	99
24) Benzo(b)fluoranthene	22.549	252	45598	0.719	ng/ul	84
25) Benzo(k)fluoranthene	22.590	252	46333	0.708	ng/ul#	90
26) Benzo(a)pyrene	23.084	252	38845	0.755	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.253	276	41379	0.653	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.263	278	30254	0.673	ng/ul#	89
29) Benzo(g,h,i)perylene	25.880	276	40771	0.689	ng/ul	95

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

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