Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032425\
Data File : BN036710.D
Acq On : 24 Mar 2025 15:40
Operator : RC/JU
Sample : SSTD0.870
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.8206

Quant Time: Mar 24 16:09:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN032425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 24 16:08:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.707	152	1926	0.400	ng/ul	0.00
4) Naphthalene-d8	10.491	136	4871	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.349	164	2957	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.095	188	6109	0.400	ng/ul	0.00
17) Chrysene-d12	21.286	240	5500	0.400	ng/ul	0.00
23) Perylene-d12	23.537	264	5150	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.197	96	1838	0.825	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.086	152	5471	0.778	ng/ul	0.00
18) Fluoranthene-d10	19.128	212	13371	0.752	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.231	88	2016	0.824	ng/ul	96
5) Naphthalene	10.540	128	11347	0.770	ng/ul	99
7) 2-Methylnaphthalene	12.163	142	7386	0.785	ng/ul	99
8) 1-Methylnaphthalene	12.383	142	7846	0.787	ng/ul	99
10) Acenaphthylene	14.067	152	11255	0.799	ng/ul	99
11) Acenaphthene	14.409	153	8965	0.790	ng/ul	99
12) Fluorene	15.399	166	10219	0.799	ng/ul	100
14) Pentachlorophenol	16.753	266	1606	0.743	ng/ul	99
15) Phenanthrene	17.137	178	16443	0.797	ng/ul	99
16) Anthracene	17.230	178	14490	0.805	ng/ul	99
19) Fluoranthene	19.156	202	19072	0.774	ng/ul	99
20) Pyrene	19.518	202	19582	0.766	ng/ul	100
21) Benzo(a)anthracene	21.269	228	16468	0.793	ng/ul	99
22) Chrysene	21.321	228	18339	0.802	ng/ul	99
24) Benzo(b)fluoranthene	22.859	252	16122	0.792	ng/ul	95
25) Benzo(k)fluoranthene	22.902	252	17949	0.823	ng/ul	94
26) Benzo(a)pyrene	23.437	252	14869	0.818	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.806	276	17270	0.841	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.826	278	13070	0.836	ng/ul	94
29) Benzo(g,h,i)perylene	26.500	276	13911	0.835	ng/ul	99

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

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