Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
Data File : BN036834.D
Acq On : 03 Apr 2025 22:03
Operator : RC/JU
Sample : Q1711-02MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-18B-56-040225MS

Quant Time: Apr 04 00:57:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.696	152	2278	0.400	ng		-0.03
7) Naphthalene-d8	10.477	136	5938	0.400	ng		#-0.03
13) Acenaphthene-d10	14.334	164	3398	0.400	ng		-0.03
19) Phenanthrene-d10	17.074	188	7219	0.400	ng		#-0.04
29) Chrysene-d12	21.268	240	6803	0.400	ng		#-0.03
35) Perylene-d12	23.508	264	6381	0.400	ng		#-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	810	0.153	ng		-0.02
5) Phenol-d6	6.865	99	679	0.104	ng		-0.04
8) Nitrobenzene-d5	8.843	82	2043	0.316	ng		-0.03
11) 2-Methylnaphthalene-d10	12.070	152	2972	0.336	ng		-0.04
14) 2,4,6-Tribromophenol	15.820	330	612	0.397	ng		-0.04
15) 2-Fluorobiphenyl	12.953	172	7361	0.372	ng		-0.04
27) Fluoranthene-d10	19.113	212	7849	0.424	ng		-0.03
31) Terphenyl-d14	19.713	244	6012	0.369	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.218	88	8945	3.540	ng	#	83
3) n-Nitrosodimethylamine	3.528	42	974	0.191	ng		87
6) bis(2-Chloroethyl)ether	7.118	93	2649	0.391	ng		99
9) Naphthalene	10.520	128	7858	0.450	ng		100
10) Hexachlorobutadiene	10.819	225	1270	0.309	ng	#	99
12) 2-Methylnaphthalene	12.141	142	4519	0.407	ng		99
16) Acenaphthylene	14.046	152	6599	0.412	ng		99
17) Acenaphthene	14.398	154	5048	0.481	ng		99
18) Fluorene	15.382	166	6157	0.434	ng		100
20) 4,6-Dinitro-2-methylph...	15.467	198	355	0.339	ng		89
21) 4-Bromophenyl-phenylether	16.280	248	1881	0.416	ng	#	74
22) Hexachlorobenzene	16.391	284	2032	0.372	ng		96
23) Atrazine	16.553	200	1837	0.507	ng	#	91
24) Pentachlorophenol	16.727	266	1303	0.523	ng		98
25) Phenanthrene	17.111	178	12318	0.569	ng		100
26) Anthracene	17.211	178	9554	0.489	ng		100
28) Fluoranthene	19.141	202	12736	0.524	ng	#	92
30) Pyrene	19.503	202	13231	0.398	ng		100
32) Benzo(a)anthracene	21.250	228	10909	0.461	ng		98
33) Chrysene	21.304	228	11562	0.447	ng		100
34) Bis(2-ethylhexyl)phtha...	21.187	149	7055	0.419	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.765	276	10894	0.473	ng		99
37) Benzo(b)fluoranthene	22.835	252	10597	0.456	ng	#	91
38) Benzo(k)fluoranthene	22.879	252	10984	0.451	ng	#	89
39) Benzo(a)pyrene	23.408	252	9561	0.489	ng	#	85
40) Dibenzo(a,h)anthracene	25.785	278	8260	0.461	ng	#	88
41) Benzo(g,h,i)perylene	26.458	276	8573	0.418	ng		95

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

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