Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
Data File : BN036835.D
Acq On : 03 Apr 2025 22:39
Operator : RC/JU
Sample : Q1711-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Apr 04 00:58:08 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	2362	0.400	ng		-0.03
7) Naphthalene-d8	10.477	136	6289	0.400	ng		#-0.03
13) Acenaphthene-d10	14.334	164	3711	0.400	ng		-0.03
19) Phenanthrene-d10	17.074	188	7810	0.400	ng		#-0.04
29) Chrysene-d12	21.268	240	7230	0.400	ng		#-0.03
35) Perylene-d12	23.508	264	6858	0.400	ng		#-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	876	0.159	ng		-0.02
5) Phenol-d6	6.865	99	743	0.109	ng		-0.04
8) Nitrobenzene-d5	8.843	82	2180	0.319	ng		-0.03
11) 2-Methylnaphthalene-d10	12.070	152	3325	0.355	ng		-0.04
14) 2,4,6-Tribromophenol	15.820	330	649	0.385	ng		-0.04
15) 2-Fluorobiphenyl	12.953	172	8075	0.374	ng		-0.04
27) Fluoranthene-d10	19.113	212	8605	0.430	ng		-0.03
31) Terphenyl-d14	19.712	244	6741	0.389	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.218	88	9380	3.580	ng	#	85
3) n-Nitrosodimethylamine	3.536	42	993	0.187	ng	#	82
6) bis(2-Chloroethyl)ether	7.118	93	2840	0.404	ng		99
9) Naphthalene	10.520	128	8584	0.464	ng		99
10) Hexachlorobutadiene	10.818	225	1366	0.314	ng	#	96
12) 2-Methylnaphthalene	12.141	142	4931	0.419	ng		99
16) Acenaphthylene	14.045	152	7290	0.416	ng		99
17) Acenaphthene	14.398	154	5544	0.484	ng		99
18) Fluorene	15.382	166	6801	0.439	ng		99
20) 4,6-Dinitro-2-methylph...	15.467	198	385	0.339	ng		88
21) 4-Bromophenyl-phenylether	16.280	248	2052	0.419	ng	#	74
22) Hexachlorobenzene	16.391	284	2205	0.373	ng		97
23) Atrazine	16.553	200	1983	0.505	ng	#	91
24) Pentachlorophenol	16.739	266	1402	0.520	ng		98
25) Phenanthrene	17.111	178	13424	0.573	ng		100
26) Anthracene	17.211	178	10457	0.495	ng		99
28) Fluoranthene	19.141	202	13948	0.530	ng	#	92
30) Pyrene	19.503	202	14444	0.409	ng		100
32) Benzo(a)anthracene	21.250	228	11959	0.476	ng		99
33) Chrysene	21.304	228	12508	0.455	ng		99
34) Bis(2-ethylhexyl)phtha...	21.187	149	7549	0.422	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.765	276	11711	0.473	ng		99
37) Benzo(b)fluoranthene	22.835	252	11523	0.462	ng	#	91
38) Benzo(k)fluoranthene	22.879	252	11855	0.453	ng	#	90
39) Benzo(a)pyrene	23.408	252	10379	0.494	ng	#	86
40) Dibenzo(a,h)anthracene	25.779	278	8832	0.458	ng	#	89
41) Benzo(g,h,i)perylene	26.455	276	9182	0.417	ng		96

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

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