Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025709.D
Acq On : 29 May 2023 08:54
Operator : CG/JU
Sample : 02912-03MSD
Misc :
ALS Vial : 108 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523MSD

Quant Time: May 30 00:52:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 29 00:47:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.012	152	6833	0.400	ng		0.00
7) Naphthalene-d8	10.825	136	19796	0.400	ng		#-0.01
13) Acenaphthene-d10	14.641	164	10962	0.400	ng		-0.01
19) Phenanthrene-d10	17.393	188	23027	0.400	ng		# 0.00
29) Chrysene-d12	21.569	240	13094	0.400	ng		# 0.00
35) Perylene-d12	24.057	264	11164	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.564	112	2291	0.131	ng		0.00
5) Phenol-d6	7.175	99	1670	0.080	ng		0.00
8) Nitrobenzene-d5	9.180	82	5829	0.352	ng		-0.01
11) 2-Methylnaphthalene-d10	12.415	152	11377	0.403	ng		0.00
14) 2,4,6-Tribromophenol	16.140	330	1101	0.497	ng		-0.01
15) 2-Fluorobiphenyl	13.272	172	18087	0.400	ng		-0.01
27) Fluoranthene-d10	19.416	212	20042	0.384	ng		0.00
31) Terphenyl-d14	20.006	244	14780	0.516	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.390	88	16801	2.123	ng		99
3) n-Nitrosodimethylamine	3.758	42	789	0.093	ng	#	90
6) bis(2-Chloroethyl)ether	7.427	93	7140	0.330	ng	#	86
9) Naphthalene	10.878	128	19396	0.358	ng		99
10) Hexachlorobutadiene	11.166	225	3154	0.336	ng	#	98
12) 2-Methylnaphthalene	12.487	142	12787	0.343	ng		99
16) Acenaphthylene	14.373	152	18077	0.349	ng		100
17) Acenaphthene	14.705	154	12610	0.370	ng		100
18) Fluorene	15.693	166	16898	0.375	ng		99
20) 4,6-Dinitro-2-methylph...	15.780	198	1401	0.546	ng	#	52
21) 4-Bromophenyl-phenylether	16.574	248	4746	0.363	ng		91
22) Hexachlorobenzene	16.698	284	4479	0.375	ng		97
23) Atrazine	16.847	200	4345	0.417	ng	#	89
24) Pentachlorophenol	17.046	266	2052	1.301	ng	#	85
25) Phenanthrene	17.431	178	27507	0.392	ng		99
26) Anthracene	17.530	178	23435	0.370	ng		100
28) Fluoranthene	19.449	202	28559	0.374	ng		99
30) Pyrene	19.811	202	28944	0.454	ng		99
32) Benzo(a)anthracene	21.551	228	19804	0.406	ng		99
33) Chrysene	21.605	228	21592	0.408	ng		99
34) Bis(2-ethylhexyl)phtha...	21.462	149	14048	0.473	ng		99
36) Indeno(1,2,3-cd)pyrene	26.662	276	18984	0.443	ng	#	62
37) Benzo(b)fluoranthene	23.294	252	19176	0.451	ng		96
38) Benzo(k)fluoranthene	23.350	252	18650	0.421	ng		98
39) Benzo(a)pyrene	23.946	252	15668	0.386	ng		97
40) Dibenzo(a,h)anthracene	26.686	278	14549	0.429	ng		97
41) Benzo(g,h,i)perylene	27.460	276	16650	0.430	ng		97

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

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