Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025712.D
Acq On : 29 May 2023 10:41
Operator : CG/JU
Sample : 02911-03MSD
Misc :
ALS Vial : 111 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW10-MW10D-20230522MSD

Quant Time: May 30 00:53:33 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	6679	0.400	ng	0.00
7) Naphthalene-d8	10.825	136	19033	0.400	ng	#-0.01
13) Acenaphthene-d10	14.641	164	10792	0.400	ng	-0.01
19) Phenanthrene-d10	17.393	188	22613	0.400	ng	# 0.00
29) Chrysene-d12	21.578	240	15080	0.400	ng	# 0.00
35) Perylene-d12	24.054	264	13352	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1887	0.110	ng	0.00
5) Phenol-d6	7.174	99	1480	0.072	ng	0.00
8) Nitrobenzene-d5	9.180	82	4304	0.270	ng	-0.01
11) 2-Methylnaphthalene-d10	12.415	152	8182	0.301	ng	0.00
14) 2,4,6-Tribromophenol	16.140	330	985	0.452	ng	-0.01
15) 2-Fluorobiphenyl	13.272	172	12550	0.282	ng	-0.01
27) Fluoranthene-d10	19.416	212	17379	0.339	ng	0.00
31) Terphenyl-d14	20.006	244	13902	0.421	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.397	88	951	0.123	ng	# 81
3) n-Nitrosodimethylamine	3.773	42	591	0.071	ng	# 98
6) bis(2-Chloroethyl)ether	7.427	93	5323	0.252	ng	90
9) Naphthalene	10.878	128	14150	0.272	ng	100
10) Hexachlorobutadiene	11.166	225	2220	0.246	ng	# 98
12) 2-Methylnaphthalene	12.487	142	9377	0.262	ng	98
16) Acenaphthylene	14.363	152	13543	0.266	ng	99
17) Acenaphthene	14.705	154	9399	0.280	ng	100
18) Fluorene	15.693	166	12713	0.286	ng	100
20) 4,6-Dinitro-2-methylph...	15.767	198	1110	0.468	ng	# 73
21) 4-Bromophenyl-phenylether	16.574	248	3465	0.270	ng	96
22) Hexachlorobenzene	16.698	284	3191	0.272	ng	98
23) Atrazine	16.847	200	2142	0.209	ng	# 91
24) Pentachlorophenol	17.046	266	1997	1.295	ng	# 87
25) Phenanthrene	17.431	178	22631	0.329	ng	99
26) Anthracene	17.517	178	19096	0.307	ng	99
28) Fluoranthene	19.449	202	25309	0.337	ng	99
30) Pyrene	19.811	202	26079	0.355	ng	99
32) Benzo(a)anthracene	21.560	228	19028	0.339	ng	98
33) Chrysene	21.614	228	20198	0.331	ng	99
34) Bis(2-ethylhexyl)phtha...	21.471	149	13472	0.394	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.642	276	14359	0.280	ng	# 63
37) Benzo(b)fluoranthene	23.294	252	17919	0.353	ng	97
38) Benzo(k)fluoranthene	23.344	252	17052	0.322	ng	98
39) Benzo(a)pyrene	23.946	252	13511	0.278	ng	99
40) Dibenzo(a,h)anthracene	26.659	278	11334	0.280	ng	100
41) Benzo(g,h,i)perylene	27.437	276	11438	0.247	ng	98

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

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