Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050924\
Data File : BN031452.D
Acq On : 09 May 2024 20:19
Operator : MA/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: May 10 02:00:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 01:50:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.718	152	10832	0.400	ng		0.00
7) Naphthalene-d8	10.496	136	35040	0.400	ng	#	0.00
13) Acenaphthene-d10	14.349	164	21076	0.400	ng		0.00
19) Phenanthrene-d10	17.091	188	48473	0.400	ng		0.00
29) Chrysene-d12	21.274	240	41339	0.400	ng		0.00
35) Perylene-d12	23.519	264	45394	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.299	112	147501	5.813	ng		0.00
5) Phenol-d6	6.873	99	202435	6.718	ng		0.00
8) Nitrobenzene-d5	8.862	82	129162	4.199	ng		0.00
11) 2-Methylnaphthalene-d10	12.092	152	277393	5.351	ng		0.00
14) 2,4,6-Tribromophenol	15.837	330	41986	4.481	ng		0.00
15) 2-Fluorobiphenyl	12.970	172	401908	5.155	ng		-0.01
27) Fluoranthene-d10	19.124	212	660693	5.038	ng		0.00
31) Terphenyl-d14	19.732	244	483637	4.609	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.248	88	63580	4.918	ng	#	84
3) n-Nitrosodimethylamine	3.551	42	65347	5.064	ng	#	97
6) bis(2-Chloroethyl)ether	7.148	93	175480	6.228	ng		99
9) Naphthalene	10.549	128	480654	4.908	ng		96
10) Hexachlorobutadiene	10.838	225	82706	4.046	ng	#	100
12) 2-Methylnaphthalene	12.168	142	319813	5.313	ng		98
16) Acenaphthylene	14.071	152	531002	5.743	ng		100
17) Acenaphthene	14.413	154	336632	5.312	ng		98
18) Fluorene	15.397	166	430606	5.251	ng		99
20) 4,6-Dinitro-2-methylph...	15.472	198	25562	3.299	ng	#	15
21) 4-Bromophenyl-phenylether	16.296	248	139679	4.992	ng		93
22) Hexachlorobenzene	16.396	284	143523	4.479	ng		99
23) Atrazine	16.569	200	124898	5.691	ng		97
24) Pentachlorophenol	16.731	266	61754	4.693	ng		98
25) Phenanthrene	17.128	178	668030	4.803	ng		100
26) Anthracene	17.227	178	664575	5.681	ng		100
28) Fluoranthene	19.151	202	784764	4.619	ng		100
30) Pyrene	19.514	202	829305	4.975	ng		100
32) Benzo(a)anthracene	21.256	228	798994	5.597	ng		99
33) Chrysene	21.310	228	756823	5.089	ng		100
34) Bis(2-ethylhexyl)phtha...	21.220	149	487611	6.467	ng		100
36) Indeno(1,2,3-cd)pyrene	25.791	276	907569	4.949	ng		98
37) Benzo(b)fluoranthene	22.847	252	824510	4.630	ng		97
38) Benzo(k)fluoranthene	22.894	252	764811	4.379	ng	#	96
39) Benzo(a)pyrene	23.423	252	718836	4.811	ng		96
40) Dibenzo(a,h)anthracene	25.817	278	708766	4.904	ng		97
41) Benzo(g,h,i)perylene	26.484	276	771008	5.258	ng		98

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

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