Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061024\
Data File : BN031872.D
Acq On : 10 Jun 2024 11:22
Operator : MA/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Jun 10 15:49:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 15:47:32 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	9232	0.400	ng		0.00
7) Naphthalene-d8	10.453	136	30142	0.400	ng		0.00
13) Acenaphthene-d10	14.306	164	18788	0.400	ng		-0.01
19) Phenanthrene-d10	17.066	188	44030	0.400	ng		0.00
29) Chrysene-d12	21.265	240	40128	0.400	ng		0.00
35) Perylene-d12	23.502	264	42897	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.270	112	2654	0.101	ng		0.00
5) Phenol-d6	6.852	99	3368	0.098	ng		0.00
8) Nitrobenzene-d5	8.819	82	2485	0.099	ng		0.00
11) 2-Methylnaphthalene-d10	12.047	152	4718	0.098	ng		0.00
14) 2,4,6-Tribromophenol	15.812	330	891	0.099	ng		0.00
15) 2-Fluorobiphenyl	12.927	172	7178	0.101	ng		0.00
27) Fluoranthene-d10	19.100	212	11790	0.098	ng		0.00
31) Terphenyl-d14	19.699	244	10449	0.107	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.219	88	1337	0.118	ng		90
3) n-Nitrosodimethylamine	3.529	42	1072	0.100	ng	#	98
6) bis(2-Chloroethyl)ether	7.104	93	2950	0.100	ng		99
9) Naphthalene	10.506	128	8015	0.099	ng		96
10) Hexachlorobutadiene	10.784	225	1468	0.103	ng	#	99
12) 2-Methylnaphthalene	12.122	142	5539	0.100	ng		98
16) Acenaphthylene	14.028	152	8234	0.095	ng		100
17) Acenaphthene	14.370	154	5426	0.097	ng		99
18) Fluorene	15.365	166	7347	0.099	ng		99
21) 4-Bromophenyl-phenylether	16.259	248	2498	0.100	ng		98
22) Hexachlorobenzene	16.371	284	2539	0.098	ng		98
23) Atrazine	16.532	200	2359	0.103	ng		97
25) Phenanthrene	17.103	178	12241	0.100	ng		99
26) Anthracene	17.190	178	10882	0.096	ng		99
28) Fluoranthene	19.128	202	15180	0.102	ng		99
30) Pyrene	19.495	202	16125	0.101	ng		99
32) Benzo(a)anthracene	21.247	228	15603	0.103	ng		98
33) Chrysene	21.300	228	14660	0.103	ng		96
36) Indeno(1,2,3-cd)pyrene	25.764	276	16460	0.103	ng		99
37) Benzo(b)fluoranthene	22.826	252	16039	0.103	ng	#	71
38) Benzo(k)fluoranthene	22.873	252	15341	0.104	ng	#	77
39) Benzo(a)pyrene	23.405	252	13951	0.103	ng	#	67
40) Dibenzo(a,h)anthracene	25.782	278	12925	0.103	ng	#	84
41) Benzo(g,h,i)perylene	26.457	276	13919	0.103	ng	#	90

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

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