Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061024\
Data File : BN031873.D
Acq On : 10 Jun 2024 11:58
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Jun 10 15:49:40 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	9194	0.400	ng		0.00
7) Naphthalene-d8	10.453	136	30215	0.400	ng		0.00
13) Acenaphthene-d10	14.317	164	18831	0.400	ng		0.00
19) Phenanthrene-d10	17.066	188	42943	0.400	ng		0.00
29) Chrysene-d12	21.265	240	35818	0.400	ng		0.00
35) Perylene-d12	23.502	264	34596	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.270	112	5521	0.211	ng		0.00
5) Phenol-d6	6.851	99	7067	0.206	ng		0.00
8) Nitrobenzene-d5	8.819	82	5113	0.204	ng		0.00
11) 2-Methylnaphthalene-d10	12.051	152	9810	0.204	ng		0.00
14) 2,4,6-Tribromophenol	15.812	330	1710	0.189	ng		0.00
15) 2-Fluorobiphenyl	12.938	172	14686	0.206	ng		0.01
27) Fluoranthene-d10	19.100	212	23125	0.198	ng		0.00
31) Terphenyl-d14	19.704	244	19101	0.218	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.219	88	2500	0.222	ng		97
3) n-Nitrosodimethylamine	3.529	42	2234	0.209	ng	#	99
6) bis(2-Chloroethyl)ether	7.104	93	6217	0.211	ng		99
9) Naphthalene	10.506	128	16829	0.207	ng		99
10) Hexachlorobutadiene	10.784	225	2975	0.209	ng	#	99
12) 2-Methylnaphthalene	12.122	142	11417	0.205	ng		99
16) Acenaphthylene	14.028	152	17082	0.197	ng		100
17) Acenaphthene	14.370	154	11389	0.204	ng		100
18) Fluorene	15.365	166	15199	0.204	ng		99
20) 4,6-Dinitro-2-methylph...	15.461	198	955	0.281	ng	#	59
21) 4-Bromophenyl-phenylether	16.259	248	5016	0.206	ng		99
22) Hexachlorobenzene	16.371	284	5155	0.204	ng		100
23) Atrazine	16.532	200	4409	0.198	ng		98
24) Pentachlorophenol	16.718	266	2028	0.297	ng		99
25) Phenanthrene	17.103	178	24201	0.203	ng		100
26) Anthracene	17.190	178	21884	0.198	ng		99
28) Fluoranthene	19.128	202	29871	0.207	ng		100
30) Pyrene	19.495	202	31313	0.220	ng		100
32) Benzo(a)anthracene	21.247	228	28213	0.209	ng		99
33) Chrysene	21.300	228	26667	0.209	ng		98
34) Bis(2-ethylhexyl)phtha...	21.175	149	20008	0.217	ng		99
36) Indeno(1,2,3-cd)pyrene	25.764	276	27123	0.210	ng		100
37) Benzo(b)fluoranthene	22.826	252	26586	0.211	ng	#	87
38) Benzo(k)fluoranthene	22.873	252	25553	0.214	ng	#	91
39) Benzo(a)pyrene	23.405	252	22937	0.211	ng	#	85
40) Dibenzo(a,h)anthracene	25.779	278	21482	0.211	ng		94
41) Benzo(g,h,i)perylene	26.460	276	22886	0.209	ng		95

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

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