Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110123\
Data File : BN028406.D
Acq On : 01 Nov 2023 18:46
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Nov 02 06:22:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 02 06:20:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.727	152	9322	0.400	ng		0.00
7) Naphthalene-d8	10.511	136	28270	0.400	ng		0.00
13) Acenaphthene-d10	14.363	164	16567	0.400	ng		0.00
19) Phenanthrene-d10	17.120	188	37932	0.400	ng		0.00
29) Chrysene-d12	21.327	240	30950	0.400	ng		0.00
35) Perylene-d12	23.642	264	32805	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.300	112	5554	0.228	ng		0.00
5) Phenol-d6	6.889	99	6864	0.223	ng		0.00
8) Nitrobenzene-d5	8.878	82	3611	0.198	ng		0.00
11) 2-Methylnaphthalene-d10	12.113	152	8152	0.202	ng		0.00
14) 2,4,6-Tribromophenol	15.854	330	1215	0.188	ng		0.00
15) 2-Fluorobiphenyl	13.005	172	4360	0.222	ng		0.00
27) Fluoranthene-d10	19.156	212	18476	0.197	ng		0.00
31) Terphenyl-d14	19.769	244	13558	0.208	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.206	88	2426	0.235	ng		93
3) n-Nitrosodimethylamine	3.516	42	2332	0.202	ng	#	94
6) bis(2-Chloroethyl)ether	7.156	93	5744	0.215	ng		99
9) Naphthalene	10.565	128	15587	0.204	ng		98
10) Hexachlorobutadiene	10.864	225	2673	0.210	ng	#	99
12) 2-Methylnaphthalene	12.185	142	10750	0.202	ng		99
16) Acenaphthylene	14.085	152	15706	0.192	ng		99
17) Acenaphthene	14.427	154	10168	0.196	ng		100
18) Fluorene	15.421	166	13996	0.198	ng		100
20) 4,6-Dinitro-2-methylph...	15.496	198	454	0.161	ng	#	26
21) 4-Bromophenyl-phenylether	16.313	248	4057	0.193	ng		98
22) Hexachlorobenzene	16.425	284	4433	0.200	ng		99
23) Atrazine	16.586	200	3402	0.193	ng		100
24) Pentachlorophenol	16.760	266	1522	0.190	ng		97
25) Phenanthrene	17.157	178	22223	0.198	ng		99
26) Anthracene	17.244	178	20640	0.193	ng		99
28) Fluoranthene	19.184	202	25406	0.194	ng		100
30) Pyrene	19.551	202	26468	0.205	ng		100
32) Benzo(a)anthracene	21.310	228	23444	0.191	ng		99
33) Chrysene	21.363	228	24410	0.200	ng		99
34) Bis(2-ethylhexyl)phtha...	21.274	149	13658	0.215	ng		99
36) Indeno(1,2,3-cd)pyrene	26.022	276	24652	0.238	ng		99
37) Benzo(b)fluoranthene	22.943	252	24847	0.262	ng		99
38) Benzo(k)fluoranthene	22.990	252	24402	0.190	ng		98
39) Benzo(a)pyrene	23.540	252	20313	0.182	ng		97
40) Dibenzo(a,h)anthracene	26.045	278	19828	0.189	ng		96
41) Benzo(g,h,i)perylene	26.747	276	21269	0.189	ng		97

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

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