Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110123\
Data File : BN028411.D
Acq On : 01 Nov 2023 21:45
Operator : MA/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Nov 02 06:24:30 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	7.726	152	13345	0.400	ng		0.00
7) Naphthalene-d8	10.511	136	36354	0.400	ng		0.00
13) Acenaphthene-d10	14.362	164	20957	0.400	ng		0.00
19) Phenanthrene-d10	17.108	188	45506	0.400	ng		#-0.01
29) Chrysene-d12	21.327	240	39459	0.400	ng		# 0.00
35) Perylene-d12	23.639	264	35839	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.300	112	162404	4.660	ng		0.00
5) Phenol-d6	6.889	99	209406	4.743	ng		0.00
8) Nitrobenzene-d5	8.877	82	133668	5.688	ng		0.00
11) 2-Methylnaphthalene-d10	12.113	152	275692	5.302	ng		0.00
14) 2,4,6-Tribromophenol	15.854	330	51559	6.312	ng		0.00
15) 2-Fluorobiphenyl	13.005	172	121806	4.896	ng		0.00
27) Fluoranthene-d10	19.156	212	606857	5.396	ng		0.00
31) Terphenyl-d14	19.769	244	429321	5.167	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.205	88	62836	4.252	ng		97
3) n-Nitrosodimethylamine	3.516	42	81361	4.934	ng		100
6) bis(2-Chloroethyl)ether	7.156	93	180510	4.722	ng		99
9) Naphthalene	10.564	128	509603	5.194	ng		100
10) Hexachlorobutadiene	10.863	225	83360	5.100	ng	#	99
12) 2-Methylnaphthalene	12.184	142	356506	5.214	ng		99
16) Acenaphthylene	14.084	152	570470	5.511	ng		100
17) Acenaphthene	14.427	154	354572	5.403	ng		96
18) Fluorene	15.421	166	468250	5.243	ng		99
21) 4-Bromophenyl-phenylether	16.313	248	142858	5.663	ng		93
22) Hexachlorobenzene	16.425	284	141353	5.307	ng		98
23) Atrazine	16.586	200	120875	5.713	ng		99
25) Phenanthrene	17.157	178	713788	5.310	ng		100
26) Anthracene	17.244	178	695521	5.419	ng		100
28) Fluoranthene	19.184	202	815206	5.195	ng		100
30) Pyrene	19.551	202	840051	5.104	ng		100
32) Benzo(a)anthracene	21.309	228	791898	5.057	ng		100
33) Chrysene	21.363	228	764256	4.900	ng		99
34) Bis(2-ethylhexyl)phtha...	21.273	149	470845	5.816	ng		99
36) Indeno(1,2,3-cd)pyrene	26.016	276	711983	5.082	ng		99
37) Benzo(b)fluoranthene	22.940	252	715893	5.192	ng		98
38) Benzo(k)fluoranthene	22.987	252	715906	5.102	ng		97
39) Benzo(a)pyrene	23.536	252	653528	5.355	ng		98
40) Dibenzo(a,h)anthracene	26.039	278	581532	5.074	ng		98
41) Benzo(g,h,i)perylene	26.738	276	596438	4.860	ng		99

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

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