Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120522\
Data File : BN023063.D
Acq On : 05 Dec 2022 17:15
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Dec 06 03:40:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 03:35:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.049	152	4289	0.400	ng		0.00
7) Naphthalene-d8	10.872	136	11691	0.400	ng		# 0.01
13) Acenaphthene-d10	14.688	164	7173	0.400	ng		0.00
19) Phenanthrene-d10	17.439	188	15480	0.400	ng		# 0.01
29) Chrysene-d12	21.616	240	16045	0.400	ng		0.00
35) Perylene-d12	24.097	264	12453	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.587	112	46097	4.136	ng		0.00
5) Phenol-d6	7.197	99	63921	4.503	ng		0.00
8) Nitrobenzene-d5	9.206	82	47429	5.222	ng		0.00
11) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng		
14) 2,4,6-Tribromophenol	16.173	330	17347	5.009	ng		0.00
15) 2-Fluorobiphenyl	13.319	172	161274	4.915	ng		0.00
27) Fluoranthene-d10	19.464	212	246763	5.869	ng		0.00
31) Terphenyl-d14	20.058	244	165571	4.393	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.427	88	24390	4.481	ng		98
3) n-Nitrosodimethylamine	3.752	42	29312	4.995	ng	#	92
6) bis(2-Chloroethyl)ether	7.464	93	64945	4.872	ng		100
9) Naphthalene	10.914	128	183910	5.108	ng		99
10) Hexachlorobutadiene	11.213	225	33143	4.484	ng	#	99
12) 2-Methylnaphthalene	12.144	142	38826	5.285	ng	#	86
16) Acenaphthylene	14.410	152	201047	5.294	ng		100
17) Acenaphthene	14.752	154	132843	5.317	ng		96
18) Fluorene	15.726	166	162944	5.092	ng		95
20) 4,6-Dinitro-2-methylph...	15.801	198	15296	8.841	ng	#	80
21) 4-Bromophenyl-phenylether	16.620	248	52635	4.710	ng		96
22) Hexachlorobenzene	16.744	284	62733	4.599	ng		100
23) Atrazine	16.893	200	38434	4.878	ng	#	87
25) Phenanthrene	17.476	178	280800	5.217	ng		100
26) Anthracene	17.563	178	253998	5.437	ng		100
28) Fluoranthene	19.494	202	331091	5.785	ng		99
30) Pyrene	19.856	202	344928	4.129	ng		99
32) Benzo(a)anthracene	21.598	228	319996	4.935	ng		100
33) Chrysene	21.652	228	332591	4.946	ng		99
34) Bis(2-ethylhexyl)phtha...	21.526	149	124209	4.770	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.690	276	381489	7.383	ng		99
37) Benzo(b)fluoranthene	23.340	252	308007	5.541	ng	#	93
38) Benzo(k)fluoranthene	23.387	252	317724	5.277	ng	#	92
39) Benzo(a)pyrene	23.986	252	256901	6.055	ng	#	88
40) Dibenzo(a,h)anthracene	26.714	278	302539	7.373	ng		96
41) Benzo(g,h,i)perylene	27.488	276	312020	7.057	ng		97

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

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