Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083122\
Data File : BN021501.D
Acq On : 31 Aug 2022 22:47
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 01 03:22:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 16:30:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	4754	0.400	ng	-0.01
7) Naphthalene-d8	10.898	136	15003	0.400	ng	-0.01
13) Acenaphthene-d10	14.728	164	8363	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	17415	0.400	ng	#-0.01
29) Chrysene-d12	21.664	240	13508	0.400	ng	0.00
35) Perylene-d12	24.182	264	9972	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.591	112	4233	0.455	ng	0.00
5) Phenol-d6	7.216	99	5324	0.449	ng	0.00
8) Nitrobenzene-d5	9.243	82	4114	0.406	ng	-0.01
11) 2-Methylnaphthalene-d10	12.490	152	16054	0.475	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	1100	0.401	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	15074	0.412	ng	-0.01
27) Fluoranthene-d10	19.501	212	18659	0.417	ng	0.00
31) Terphenyl-d14	20.097	244	12760	0.420	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	2496	0.420	ng	# 88
3) n-Nitrosodimethylamine	3.743	42	2222	0.415	ng	# 95
6) bis(2-Chloroethyl)ether	7.484	93	6255	0.419	ng	98
9) Naphthalene	10.951	128	18307	0.412	ng	99
10) Hexachlorobutadiene	11.240	225	3177	0.413	ng	# 100
12) 2-Methylnaphthalene	12.183	142	2595	0.477	ng	# 96
16) Acenaphthylene	14.450	152	15499	0.395	ng	100
17) Acenaphthene	14.782	154	11405	0.413	ng	99
18) Fluorene	15.776	166	14124	0.414	ng	99
21) 4-Bromophenyl-phenylether	16.659	248	4399	0.404	ng	# 86
22) Hexachlorobenzene	16.772	284	5435	0.408	ng	99
23) Atrazine	16.926	200	2509	0.395	ng	98
24) Pentachlorophenol	17.121	266	1137	0.487	ng	98
25) Phenanthrene	17.511	178	24567	0.409	ng	100
26) Anthracene	17.603	178	19033	0.399	ng	99
28) Fluoranthene	19.535	202	25804	0.413	ng	100
30) Pyrene	19.897	202	28730	0.399	ng	# 95
32) Benzo(a)anthracene	21.646	228	19584	0.416	ng	99
33) Chrysene	21.700	228	23417	0.418	ng	100
34) Bis(2-ethylhexyl)phtha...	21.556	149	7799	0.411	ng	98
36) Indeno(1,2,3-cd)pyrene	26.840	276	18499	0.411	ng	100
37) Benzo(b)fluoranthene	23.407	252	19751	0.402	ng	97
38) Benzo(k)fluoranthene	23.457	252	19510	0.394	ng	98
39) Benzo(a)pyrene	24.071	252	14501	0.423	ng	99
40) Dibenzo(a,h)anthracene	26.863	278	14707	0.406	ng	95
41) Benzo(g,h,i)perylene	27.658	276	15135	0.381	ng	99

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

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