Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083022\
Data File : BN021483.D
Acq On : 31 Aug 2022 09:08
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Aug 31 09:34:00 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	8.076	152	6405	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	20485	0.400	ng	-0.01
13) Acenaphthene-d10	14.729	164	11687	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	23597	0.400	ng	#-0.01
29) Chrysene-d12	21.664	240	16617	0.400	ng	# 0.00
35) Perylene-d12	24.188	264	12002	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	5270	0.420	ng	0.00
5) Phenol-d6	7.217	99	6563	0.411	ng	0.00
8) Nitrobenzene-d5	9.243	82	5052	0.365	ng	-0.01
11) 2-Methylnaphthalene-d10	12.490	152	17868	0.387	ng	0.00
14) 2,4,6-Tribromophenol	16.219	330	1299	0.339	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	18341	0.359	ng	-0.01
27) Fluoranthene-d10	19.506	212	21283	0.351	ng	0.00
31) Terphenyl-d14	20.097	244	14705	0.394	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	2988	0.373	ng	# 88
3) n-Nitrosodimethylamine	3.743	42	2827	0.392	ng	95
6) bis(2-Chloroethyl)ether	7.484	93	7660	0.381	ng	98
9) Naphthalene	10.952	128	22299	0.367	ng	99
10) Hexachlorobutadiene	11.240	225	3874	0.369	ng	# 100
12) 2-Methylnaphthalene	12.187	142	3069	0.430	ng	# 94
16) Acenaphthylene	14.451	152	18995	0.346	ng	100
17) Acenaphthene	14.782	154	13860	0.359	ng	100
18) Fluorene	15.776	166	16855	0.354	ng	100
21) 4-Bromophenyl-phenylether	16.660	248	5202	0.352	ng	# 84
22) Hexachlorobenzene	16.772	284	6394	0.354	ng	100
23) Atrazine	16.926	200	2971	0.345	ng	97
24) Pentachlorophenol	17.121	266	1257	0.434	ng	99
25) Phenanthrene	17.511	178	29025	0.356	ng	100
26) Anthracene	17.603	178	22598	0.349	ng	100
28) Fluoranthene	19.535	202	29532	0.349	ng	100
30) Pyrene	19.898	202	33727	0.381	ng	96
32) Benzo(a)anthracene	21.646	228	21423	0.370	ng	99
33) Chrysene	21.709	228	24848	0.360	ng	100
34) Bis(2-ethylhexyl)phtha...	21.566	149	8626	0.370	ng	98
36) Indeno(1,2,3-cd)pyrene	26.843	276	19970	0.369	ng	100
37) Benzo(b)fluoranthene	23.413	252	20558	0.347	ng	99
38) Benzo(k)fluoranthene	23.466	252	20253	0.340	ng	98
39) Benzo(a)pyrene	24.077	252	15744	0.381	ng	# 93
40) Dibenzo(a,h)anthracene	26.869	278	15943	0.365	ng	96
41) Benzo(g,h,i)perylene	27.664	276	15874	0.332	ng	99

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

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