Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073121\
Data File : BN015744.D
Acq On : 31 Jul 2021 21:42
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Aug 02 04:04:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN073021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 31 04:53:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	39560	0.400	ng		0.00
7) Naphthalene-d8	10.571	136	175352	0.400	ng	#	0.00
13) Acenaphthene-d10	14.421	164	93228	0.400	ng		0.00
19) Phenanthrene-d10	17.163	188	173131	0.400	ng	#	0.00
29) Chrysene-d12	21.376	240	161501	0.400	ng	#	0.00
35) Perylene-d12	23.714	264	159422	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.374	112	38132	0.359	ng		0.00
5) Phenol-d6	6.951	99	45493	0.354	ng		0.00
8) Nitrobenzene-d5	8.936	82	38209	0.347	ng		0.00
11) 2-Methylnaphthalene-d10	12.163	152	102340	0.388	ng		0.00
14) 2,4,6-Tribromophenol	15.905	330	11721	0.291	ng		-0.01
15) 2-Fluorobiphenyl	13.038	172	132720	0.372	ng		-0.01
27) Fluoranthene-d10	19.207	212	164197	0.360	ng		0.00
31) Terphenyl-d14	19.812	244	141377	0.360	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	6284	0.462	ng		87
3) n-Nitrosodimethylamine	3.714	42	9127	0.347	ng	#	99
6) bis(2-Chloroethyl)ether	7.218	93	42214	0.401	ng		100
9) Naphthalene	10.622	128	177799	0.389	ng		100
10) Hexachlorobutadiene	10.914	225	31100	0.387	ng	#	100
12) 2-Methylnaphthalene	12.234	142	115561	0.390	ng		100
16) Acenaphthylene	14.129	152	137942	0.337	ng		100
17) Acenaphthene	14.472	154	99186	0.372	ng		100
18) Fluorene	15.461	166	118159	0.364	ng		100
20) 4,6-Dinitro-2-methylph...	15.537	198	3624	0.351	ng		97
21) 4-Bromophenyl-phenylether	16.360	248	36291	0.359	ng	#	77
22) Hexachlorobenzene	16.482	284	42423	0.380	ng		99
23) Atrazine	16.628	200	28057	0.363	ng	#	92
24) Pentachlorophenol	16.823	266	19572	0.467	ng		100
25) Phenanthrene	17.212	178	188478	0.380	ng		100
26) Anthracene	17.297	178	153205	0.342	ng		100
28) Fluoranthene	19.237	202	198647	0.375	ng		100
30) Pyrene	19.599	202	194241	0.360	ng		100
32) Benzo(a)anthracene	21.355	228	182599	0.355	ng		99
33) Chrysene	21.408	228	194719	0.372	ng		99
34) Bis(2-ethylhexyl)phtha...	21.302	149	57450	0.335	ng		99
36) Indeno(1,2,3-cd)pyrene	26.117	276	213935	0.373	ng		100
37) Benzo(b)fluoranthene	23.005	252	193459	0.377	ng		99
38) Benzo(k)fluoranthene	23.053	252	209391	0.379	ng		99
39) Benzo(a)pyrene	23.611	252	162279	0.347	ng		100
40) Dibenzo(a,h)anthracene	26.137	278	182867	0.378	ng		99
41) Benzo(g,h,i)perylene	26.846	276	182740	0.366	ng		99

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

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