Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073121\
Data File : BN015742.D
Acq On : 31 Jul 2021 19:17
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Aug 02 04:03:47 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	40662	0.400	ng	0.00
7) Naphthalene-d8	10.571	136	182368	0.400	ng	0.00
13) Acenaphthene-d10	14.421	164	97524	0.400	ng	0.00
19) Phenanthrene-d10	17.163	188	181254	0.400	ng	0.00
29) Chrysene-d12	21.365	240	177072	0.400	ng	#-0.01
35) Perylene-d12	23.713	264	180287	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	41765	0.382	ng	0.00
5) Phenol-d6	6.951	99	49704	0.376	ng	0.00
8) Nitrobenzene-d5	8.936	82	41248	0.360	ng	0.00
11) 2-Methylnaphthalene-d10	12.163	152	106547	0.388	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	13354	0.317	ng	-0.01
15) 2-Fluorobiphenyl	13.038	172	137750	0.369	ng	-0.01
27) Fluoranthene-d10	19.207	212	176789	0.370	ng	0.00
31) Terphenyl-d14	19.812	244	151195	0.351	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.354	88	5672	0.406	ng	# 97
3) n-Nitrosodimethylamine	3.723	42	9488	0.351	ng	94
6) bis(2-Chloroethyl)ether	7.218	93	43503	0.402	ng	99
9) Naphthalene	10.622	128	184350	0.388	ng	100
10) Hexachlorobutadiene	10.913	225	32222	0.386	ng	# 99
12) 2-Methylnaphthalene	12.238	142	119807	0.388	ng	99
16) Acenaphthylene	14.129	152	148558	0.347	ng	100
17) Acenaphthene	14.484	154	102556	0.368	ng	100
18) Fluorene	15.474	166	125940	0.370	ng	100
20) 4,6-Dinitro-2-methylph...	15.550	198	3493	0.331	ng	98
21) 4-Bromophenyl-phenylether	16.360	248	38264	0.362	ng	# 72
22) Hexachlorobenzene	16.482	284	44237	0.378	ng	99
23) Atrazine	16.640	200	36119	0.447	ng	96
24) Pentachlorophenol	16.823	266	20977	0.478	ng	100
25) Phenanthrene	17.212	178	194649	0.375	ng	100
26) Anthracene	17.297	178	165149	0.352	ng	100
28) Fluoranthene	19.236	202	210906	0.380	ng	100
30) Pyrene	19.599	202	211710	0.358	ng	100
32) Benzo(a)anthracene	21.355	228	203466	0.361	ng	98
33) Chrysene	21.408	228	215695	0.376	ng	98
34) Bis(2-ethylhexyl)phtha...	21.301	149	79559	0.377	ng	99
36) Indeno(1,2,3-cd)pyrene	26.110	276	243507	0.376	ng	100
37) Benzo(b)fluoranthene	23.002	252	223493	0.386	ng	99
38) Benzo(k)fluoranthene	23.049	252	238620	0.382	ng	100
39) Benzo(a)pyrene	23.607	252	194766	0.368	ng	99
40) Dibenzo(a,h)anthracene	26.133	278	206825	0.378	ng	100
41) Benzo(g,h,i)perylene	26.845	276	204753	0.362	ng	100

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

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