Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080221\
Data File : BN015763.D
Acq On : 02 Aug 2021 12:47
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Aug 02 13:22:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:44:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	40390	0.400	ng	0.00
7) Naphthalene-d8	10.571	136	166088	0.400	ng	0.00
13) Acenaphthene-d10	14.421	164	88835	0.400	ng	0.01
19) Phenanthrene-d10	17.163	188	161816	0.400	ng	0.00
29) Chrysene-d12	21.376	240	157300	0.400	ng	# 0.01
35) Perylene-d12	23.714	264	150768	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.383	112	317153	2.924	ng	0.00
5) Phenol-d6	6.951	99	388950	2.963	ng	0.00
8) Nitrobenzene-d5	8.936	82	377015	3.613	ng	0.01
11) 2-Methylnaphthalene-d10	12.163	152	806456	3.224	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	135067	3.518	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	1053861	3.099	ng	0.00
27) Fluoranthene-d10	19.207	212	1439946	3.377	ng	0.00
31) Terphenyl-d14	19.812	244	1192134	3.114	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.345	88	45463	3.274	ng	# 76
3) n-Nitrosodimethylamine	3.687	42	98394	3.665	ng	# 97
6) bis(2-Chloroethyl)ether	7.218	93	334152	3.111	ng	99
9) Naphthalene	10.622	128	1366162	3.158	ng	100
10) Hexachlorobutadiene	10.914	225	239324	3.144	ng	# 100
12) 2-Methylnaphthalene	12.234	142	878680	3.127	ng	99
16) Acenaphthylene	14.129	152	1308003	3.352	ng	100
17) Acenaphthene	14.472	154	829095	3.262	ng	96
18) Fluorene	15.461	166	1003265	3.240	ng	99
20) 4,6-Dinitro-2-methylph...	15.550	198	55178	4.425	ng	# 81
21) 4-Bromophenyl-phenylether	16.360	248	319727	3.384	ng	100
22) Hexachlorobenzene	16.482	284	351571	3.368	ng	99
24) Pentachlorophenol	16.823	266	142602	3.639	ng	99
25) Phenanthrene	17.212	178	1538491	3.320	ng	100
26) Anthracene	17.297	178	1416876	3.383	ng	100
28) Fluoranthene	19.237	202	1629472	3.289	ng	99
30) Pyrene	19.599	202	1705423	3.246	ng	100
32) Benzo(a)anthracene	21.355	228	1691655	3.378	ng	99
33) Chrysene	21.408	228	1619977	3.179	ng	99
34) Bis(2-ethylhexyl)phtha...	21.302	149	904684	3.397	ng	99
36) Indeno(1,2,3-cd)pyrene	26.120	276	1833446	3.384	ng	100
37) Benzo(b)fluoranthene	23.005	252	1721187	3.551	ng	99
38) Benzo(k)fluoranthene	23.057	252	1697064	3.248	ng	100
39) Benzo(a)pyrene	23.611	252	1521423	3.436	ng	99
40) Dibenzo(a,h)anthracene	26.141	278	1542235	3.368	ng	100
41) Benzo(g,h,i)perylene	26.852	276	1563454	3.309	ng	100

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

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